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ABSTRACT

Project PLAN was chosen as a computer managed individualized instruction program for the St. Louis public schools and is evaluated in this final report. The study was conducted during the 1972-73 school year in both control and PLAN classrooms for grades 1-7. The Metropolitan Achievement Test was used in grades 1-3 and the Iowa Test of Basic Skills was used in grades 4-7. The PLAN classrooms did significantly better in grades 1 and 3 and significantly worse in grades 4 and 6. Grades 4-7 were handicapped by a midyear start up and a contamination of pretest data. Measures of self-esteem and anxiety were also taken and on these three grade levels scored significantly better with PLAN and one significantly worse. Questionnaires of student and teacher opinion were also used, and a cost analysis revealed that the cost of PLAN (10 times greater than the control) could be expected to decrease to normal levels once normal operation begins. On these findings the PLAN program is recommended. Extensive appendixes document the instruments and results of the evaluation. (WH)

ED 094731

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GRANT COMPUTER MANAGED INDIVIDUALIZED LEARNING PROJECT (P L A N *)

NUMBER 35-72-11-0   TITLE III, ESEA

FINAL EVALUATION REPORT
(JULY 1, 1972 - JUNE 30, 1973)

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EVALUATOR - E. PATTERSON SEPT. 30, 1973

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I. INTRODUCTION

I. THIS REPORT ADDRESSES THE DEGREE OF SUCCESS IN MEETING THE GOALS AND SPECIFIC OBJECTIVES OF THE COMPUTER MANAGED INDIVIDUALIZED LEARNING PROJECT (PLAN*) IN ST. LOUIS PUBLIC SCHOOLS.

1. THE INTERIM EVALUATION REPORT SUBMITTED AUGUST 29, 1973 DESCRIBES THE OBJECTIVES, ACTIVITIES AND EVALUATION METHODS USED.

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(1) THE PROJECT DIRECTOR REPORTS ON THE PROCESS EVALUATION MADE BY THE RESEARCH TEAM IN SELECTING PLAN* FOR IMPLEMENTATION IN ST. LOUIS. PLAN* WAS SELECTED FROM 4 INSTRUCTIONAL SYSTEMS THAT WERE STUDIED.

(2) THE REPORT INCLUDES PROCESS EVALUATION DATA PREPARED BY THE PROJECT DIRECTOR REGARDING THE DEGREE OF SUCCESS IN IMPLEMENTATION OF PLAN* IN ST. LOUIS. A HIGH DEGREE OF SUCCESS IS REPORTED.

(3) THE REPORT DOES NOT INCLUDE THE RESULTS OF THE SUMMATIVE EVALUATION DATA PREPARED BY THE EVALUATOR BUT DOES INDICATE THE SPECIFIC OBJECTIVES TO BE EVALUATED.

2. <u>THIS REPORT FOCUSES ON THE RESULTS OF THE SUMMATIVE EVALUATION DATA PREPARED BY THE EVALUATOR</u>

(1) A LITERATURE SEARCH WAS MADE PRIOR TO PREPARATION OF THE EVALUATION MODEL RESULTING IN FORMULATION OF THE MODEL.

(2) THE ACADEMIC SUCCESS OF THE PROGRAM WAS EVALUATED USING THE METROPOLITAN ACHIEVEMENT TEST IN GRADES 1-3 AND THE IOWA TEST OF BASIC SKILLS IN GRADES 4-7.

(3) AFFECTIVE MEASURES WERE USED TO DETERMINE THE DIFFERENCES IN THE STUDENTS SELF-ESTEEM, GENERAL ANXIETY AND TEST ANXIETY.

(4) THE EFFECTIVENESS OF VARIOUS TEACHING PATTERNS IN PLAN* CLASSROOMS WERE ANALYZED USING THE RESULTS OF CLASSROOM OBSERVATIONS.

(5) THE INSTRUCTIONAL PROGRAM USED IN PLAN* AND CONTROL CLASSROOMS WAS ANALYZED BY TEACHER AND STUDENT SATISFACTION.

(6) THE PLAN* INSTRUCTIONAL PROGRAM WAS ANALYZED BY THE DEGREE OF SATISFACTION OF ADMINISTRATIVE PERSONNEL, OPERATIONAL PERSONNEL AND FARENTS OF STUDENTS IN PLAN*.

(7) COST ANALYSIS OF BOTH INSTRUCTIONAL SYSTEMS WAS STUDIED AND REPORTED.

3. RECOMMENDATIONS FOR THE SUBSEQUENT YEARS WERE MADE BASED ON THE ANALYSIS MADE OF THE DATA GATHERED

(1) CHANGES IN THE EVALUATION MODEL ARE INDICATED. (SUCH AS REVISING THE QUESTIONNAIRE USED, DISCONTINUING USE OF ONE AFFECTIVE INSTRUMENT, DECREASING THE NUMBER OF CLASSROOM OBSERVATIONS, ETC.).

(2) ADDITIONAL DATA RELATED TO THE "CLIMATE" OF THE LEARNING ENVIRONMENT SHOULD BE EXPLORED.

(3) ADDITIONAL COST ANALYSIS DATA SHOULD BE MADE AVAILABLE TO ALLOW MORE ACCURATE COMPARISONS. (SUCH AS COST PER CLASSROOM INSTEAD OF COST PER SCHOOL).

(4) THREE FACTORS PRESENT IN THE START-UP YEAR COMPLICATED THE EVALUATION AND PROVIDE AMPLE CAUSE FOR CAUTION IN MAKING PREMATURE JUDGEMENTS REGARDING THE PROJECT (EITHER POSITIVE OR NEGATIVE).

- A ONE MONTH WORK STOPPAGE OCCURRED RIGHT AT THE START-UP DATE.
- BEGINNING AT MIDYEAR CAUSED A HALF-YEAR CONTAMINATION OF THE ACADEMIC PRETEST DATA IN GRADES 4-7.
- THE RELATIVELY SHORT PERIOD OF INSTRUCTIONAL TIME STUDENTS WERE IN THE PLAN* PROJECT INFLUENCED THE RESULTS REPORTED.

II. LITERATURE SEARCH

II. THE EVALUATION MODEL WAS DESIGNED TO EXAMINE HOW PLAN* TEACHERS IMPLEMENTED THE INDIVIDUALIZED LEARNING SYSTEM RATHER THAN OBSERVE DIFFERENCES BETWEEN CONTROL AND PLAN* CLASSROOMS DUE TO RESEARCH PREVIOUSLY DONE IN THIS AREA

1. PLAN* TEACHERS SPEND MORE TIME IN INDIVIDUAL AND SMALL GROUP INSTRUCTION THAN REGULAR CLASSROOM SITUATIONS.[1]

    (1) PLAN* TEACHER TRAINING EMPHASIZES INDIVIDUALIZED INSTRUCTION. THEREFORE THIS ASPECT OF THE STUDY WAS NOT REPEATED IN THIS EVALUATION.

    (2) A MAJOR EFFORT OF THIS EVALUATION WAS TO SEE WHETHER A PARTICULAR STYLE OR PATTERN DEVELOPED AMONG THOSE TEACHERS WITH THE MOST ACADEMIC SUCCESS.

2. <u>A REVIEW OF OTHER SCHOOL DISTRICTS' EVALUATION REPORTS OFFERED LITTLE CONCLUSIVE RESULTS BUT CONCENTRATED MORE ON PROCESS EVALUATION OF THE IMPLEMENTATION</u>

(1) MOST OF THE EVALUATIONS WERE PREPARED BY TEACHERS AND ADMINISTRATORS WHO REPORTED DATA REGARDING HOW WELL THE PROGRAM WAS IMPLEMENTED AND RECEIVED RATHER THAN CONCENTRATING ON SUMMATIVE DATA.[2]

III. ACADEMIC ACHIEVEMENT

III. TWO OUT OF SEVEN GRADE LEVELS DID BETTER ACADEMICALLY WITH PLAN* TWO GRADE LEVEL DID BETTER WITH CONTROL CLASSROOM INSTRUCTION AND THREE GRADE LEVELS INDICATED NO DIFFERENCE

1. GRADE 1 AND GRADE 3 ACHIEVED SIGNIFICANTLY BETTER USING PLAN*. (SIGNIFICANCE LEVEL WAS GREATER THAN .01)

(1) METROPOLITAN ACHIEVEMENT TEST TOTAL RAW SCORES WERE USED FOR THE COMPARISONS.[1]

(2) PRIMARY I BATTERY

. WORD KNOWLEDGE

. WORD ANALYSIS

. READING

. MATHEMATICS

(3) PRIMARY II BATTERY

. WORD KNOWLEDGE

. WORD ANALYSIS

. READING

. SPELLING

. MATHEMATICS

---

[1]Note 1 is found on page 10.1

EXHIBIT 1

ST. LOUIS PUBLIC SCHOOLS

METROPOLITAN ACHIEVEMENT TEST RESULTS

A COMPARISON BETWEEN PLAN* & CONTROL

CLASSROOMS: GRADES 1 - 3

PRIMARY GRADES

GRADE 1

PLAN* ACHIEVEMENT WAS SIGNIFICANTLY GREATER THAN THE CONTROL ACHIEVEMENT. THE LEVEL OF SIGNIFICANCE WAS GREATER THAN .01.

GRADE 2

THERE WAS NO SIGNIFICANT DIFFERENCE.

GRADE 3

PLAN* ACHIEVEMENT WAS SIGNIFICANTLY GREATER THAN THE CONTROL ACHIEVEMENT. SIGNIFICANCE LEVEL EXCEEDED .01.

NOTE: A SIGNIFICANCE LEVEL OF GREATER THAN .01 MEANS THAT THERE IS LESS THAN 1 CHANCE IN 100 THAT THE DISTRIBUTION OF SCORES WOULD OCCUR BY CHANCE ALONE.

(4) ELEMENTARY BATTERY

- . WORD KNOWLEDGE
- . READING
- . LANGUAGE
- . SPELLING
- . MATHEMATICS

(5) USING AN ANALYSIS OF COVARIANCE PROCEDURE TO PARTIAL OUT THE EFFECTS OF THE PRETEST, PLAN* STUDENTS IN GRADES 1 AND 3 ACHIEVED BETTER THAN CONTROL STUDENTS AT A SIGNIFICANCE LEVEL GREATER THAN .01 (SEE EXHIBIT I.) [2]

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[2] Note 2 is found on page 10.1

EXHIBIT 2

ST. LOUIS PUBLIC SCHOOLS

IOWA TESTS OF BASIC SKILLS - TEST RESULTS

A COMPARISON BETWEEN PLAN* & CONTROL

CLASSROOMS: GRADE 4 - 6

MIDDLE GRADES

GRADE 4

CONTROL ACHIEVEMENT WAS STATISTICALLY SIGNIFICANTLY GREATER THAN THE PLAN* ACHIEVEMENT. THE LEVEL OF SIGNIFICANCE WAS GREATER THAN .01.

GRADE 5

THERE WAS NO SIGNIFICANT DIFFERENCE.

GRADE 6

CONTROL ACHIEVEMENT WAS SIGNIFICANTLY GREATER THAN THE PLAN* ACHIEVEMENT. SIGNIFICANCE LEVEL EXCEEDED .01.

NOTE: A SIGNIFICANCE LEVEL OF GREATER THAN .01 MEANS THAT THERE IS LESS THAN 1 CHANCE OUT OF 100 THAT THE DISTRIBUTION OF SCORES WOULD OCCUR BY CHANCE ALONE.

2. GRADE 4 AND GRADE 6 ACHIEVED SIGNIFICANTLY BETTER IN CONTROL CLASSROOMS.(SIGNIFICANCE LEVEL WAS GREATER THAN .01)

(1) IOWA TEST OF BASIC SKILLS TOTAL RAW SCORES WERE USED FOR COMPARISONS.

(2) SUBTESTS INCLUDE

- VOCABULARY
- READING
- LANGUAGE
- ARITHMETIC

(3) USING A MULTIPLE REGRESSION PROCEDURE TO PARTIAL OUT THE EFFECTS OF THE PRETEST.

CONTROL STUDENTS IN GRADES 4 & 6 DID BETTER THAN PLAN* STUDENTS AT A SIGNIFICANCE LEVEL GREATER THAN .01. (SEE EXHIBIT [2])

THERE WAS NO SIGNIFICANT DIFFERENCE IN GRADE 5.

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[3] Note 3 is found on page 10.1

3. <u>IN THE UPPER GRADE (GRADE 7) THERE WAS NO SIGNIFICANT DIFFERENCE BETWEEN PLAN* AND CONTROL ACHIEVEMENT</u>

(1) IOWA TEST OF BASIC SKILLS

TOTAL RAW SCORES WERE USED FOR COMPARISONS.

(2) USING A MULTIPLE REGRESSION PROCEDURE TO PARTIAL OUT THE EFFECTS OF THE PRETEST, THERE WAS NO STATISTICALLY SIGNIFICANT DIFFERENCE BETWEEN PLAN* AND CONTROL ACHIEVEMENT.

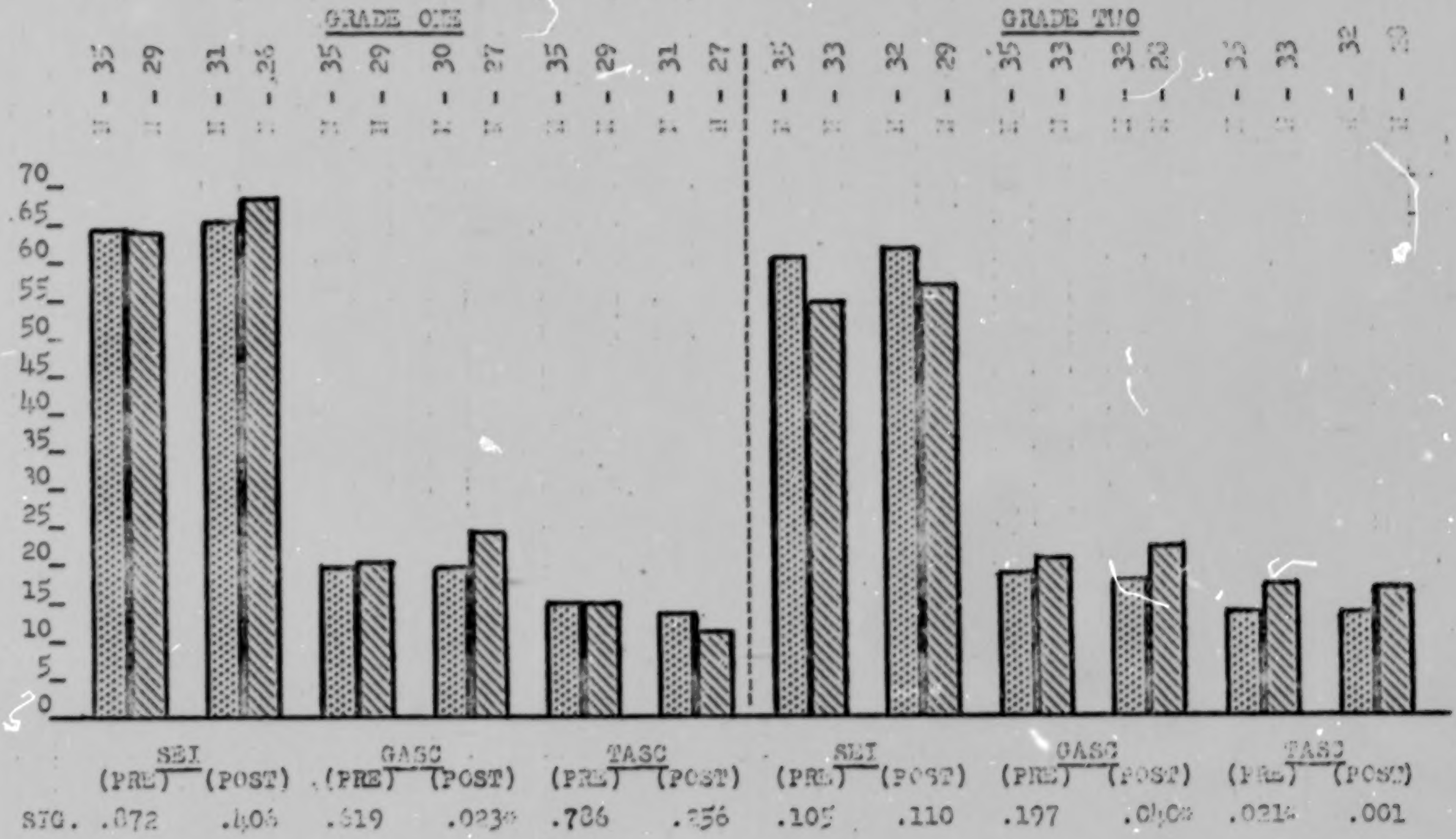
(3) STATISTICAL DATA IS FOUND IN APPENDIX E.

IV. SELF-ESTEEM, GENERAL AND TEST ANXIETY - COMPARISONS BETWEEN PLAN* AND CONTROL

EXHIBIT 3

ST. LOUIS PUBLIC SCHOOLS

SEI, GASC & TASC RESULTS - GRADES 1 - 3



PLAN* Classrooms ▒ Control Classrooms ▨

GRADE THREE: Data not available.

IV. <u>THREE OUT OF SIX GRADE LEVELS HAD A HIGHER SELF-ESTEEM OR LESS ANXIETY IN PLAN* CLASSROOMS THAN WITH CONTROL CLASSROOM INSTRUCTION, ONE GRADE LEVEL SHOWED LESS TEST ANXIETY AND SELF-ESTEEM, AND TWO GRADES SHOWED NO SIGNIFICANT DIFFERENCE</u>

1. <u>PRIMARY STUDENTS (GRADES 1 AND 2) SHOWED LESS ANXIETY IN PLAN* CLASSROOMS THAN IN CONTROL CLASSROOM INSTRUCTION PROGRAMS.</u> [1]

(1) Total raw scores were used on the SEI (Self-Esteem Inventory) GASC (General Anxiety Scale for Children) and TASC (Test Anxiety Scale for Children).[2]

Both grades 1 and 2 in PLAN* classrooms showed significantly less general anxiety on the post test than did Control classrooms on the GASC. (See Exhibit 3).

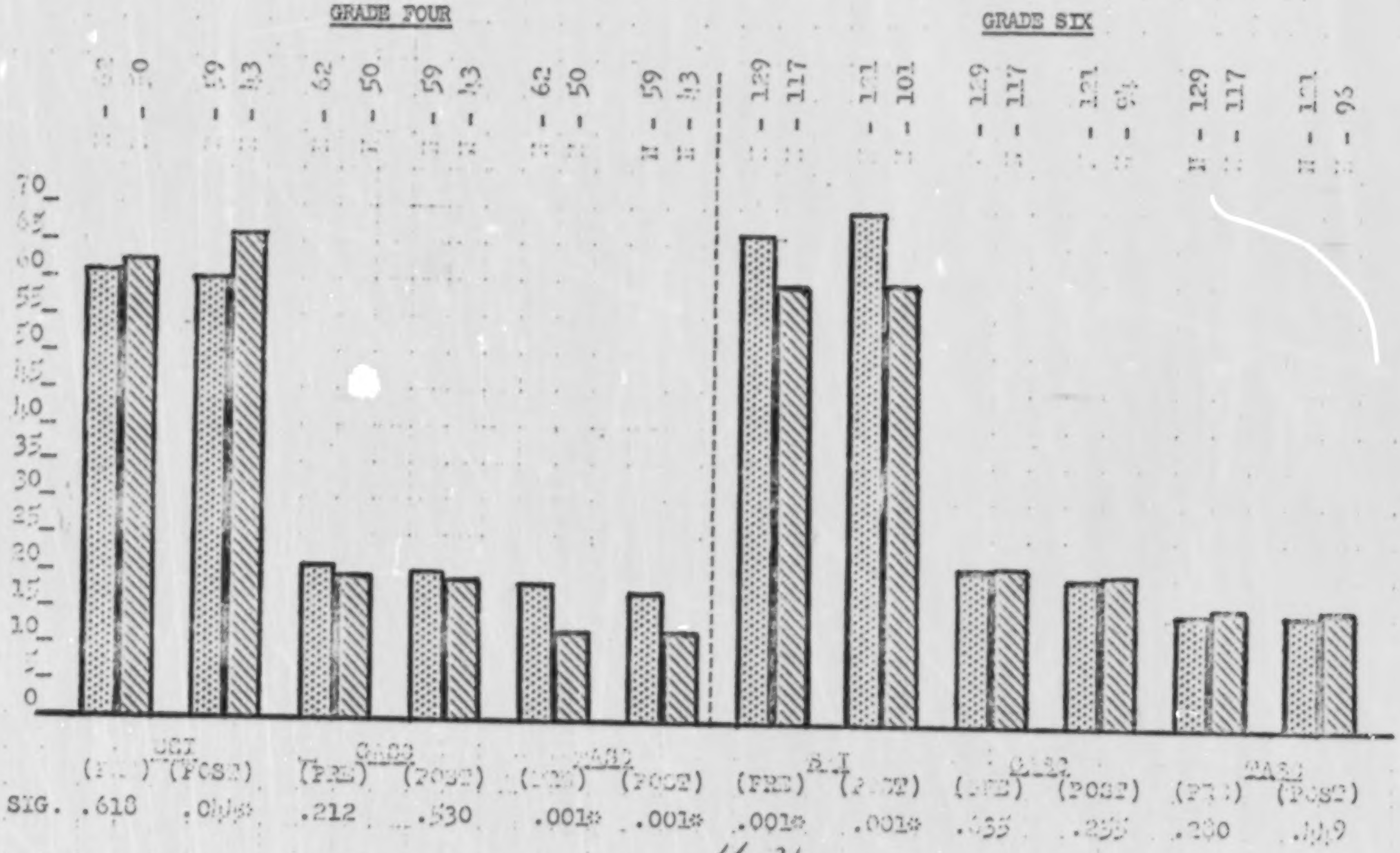
GRADE 2 PLAN* STUDENTS SHOWED SIGNIFICANTLY LESS TEST ANXIETY THAN CONTROL STUDENTS ON BOTH THE PRETEST AND POST TEST ON THE TASC (SEE EXHIBIT 3).

Notes 1 & 2 are found on page 10.1

EXHIBIT 4

St. Louis Public Schools

SET, GASC & TASC RESULTS - GRADES 4 - 6



PLAN* Classrooms ▒ Control Classrooms ▧ GRADE FIVE: There was no significant difference.

2. GRADE SIX PLAN* STUDENTS SHOWED MORE SELF-ESTEEM, GRADE FOUR CONTROL STUDENTS SHOWED MORE SELF-ESTEEM AND LESS TEST ANXIETY, GRADE FIVE SHOWED NO DIFFERENCE.

(1) GRADE 4 SHOWED SIGNIFICANTLY MORE SELF-ESTEEM ON THE SEI POST TEST IN CONTROL CLASSROOMS THAN ON BOTH THE PRETEST AND POST TEST ON THE TASC (SEE EXHIBIT 4).

(2) GRADE 5 SHOWED NO SIGNIFICANT DIFFERENCE ON ANY TESTS - SEI, GASC, TASC (SEE EXHIBIT 4).

(3) GRADE 6 SHOWED SIGNIFICANTLY MORE SELF-ESTEEM ON THE SEI (BOTH PRETEST AND POST TEST) IN PLAN* CLASSROOMS THAN IN CONTROL CLASSROOMS. (SEE EXHIBIT 4).

3. IN THE UPPER GRADE (GRADE 7) NO STATISTICAL DIFFERENCES WERE INDICATED ON ANY TESTS.

V. ACHIEVEMENT, SELF ESTEEM AND ANXIETY COMPARED TO THE TOTAL VALUE OF MODULES COMPLETED

EXHIBIT 5

ST. LOUIS PUBLIC SCHOOLS

SAMPLE CALCULATION OF A TMV

STUDENT "A" MASTERED MODULES 10-102, 20-103, 30-202, & 40-110.

MASTERED MODULE NO.	OBJECTIVE NOS.	COGNITIVE VALUE
10-102	0772	2
	0791	2
20-103	1037	3
30-202	2280	1
	2281	2
40-110	1447	3
	1448	1
	1450	1
		15 TOTAL MODULE VALUE (TMV)

V. THE MOST ACCURATE MEASURE OF A PLAN* STUDENT'S ACADEMIC ACHIEVEMENT SEEMS TO BE THE WEIGHTED SCORE DERIVED FROM TOTALING THE VALUES ASSIGNED TO EACH OBJECTIVE MASTERED.

1. PLAN* CURRICULUM IS A HIERARCHIAL STRUCTURE OF BEHAVIORAL OBJECTIVES WITH CRITERION MEASURES FOR ACHIEVEMENT AGGREGATED INTO LEARNING UNITS CALLED MODULES.

(1) MODULES MAY HAVE AS FEW AS 1 OBJECTIVE OR AS MANY AS 15.

(2) EACH OBJECTIVE HAS A COGNITIVE DIFFICULTY LEVEL BASED ON BENJAMIN S. BLOOM'S TAXONOMY OF EDUCATIONAL OBJECTIVES.[1]

(3) THE WEIGHTED SCORE IS DERIVED BY TOTALING THE OBJECTIVE VALUES WITHIN EACH MODULE MASTERED BY EACH STUDENT. (SEE EXHIBIT 5).

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[1] Note 1 is found on page 10.1.

EXHIBIT 6

ST. LOUIS PUBLIC SCHOOLS

TMV CORRELATION RESULTS

	TMV WITH ITBS POST TEST	TMV WITH SEI POST TEST	TMV WITH GASC POST TEST	TMV WITH TASC POST TEST
GRADE 4	SIG. = $>$.10	NOT SIGNIFICANT	NOT SIGNIFICANT	NOT SIGNIFICANT
GRADE 5	SIG. = $>$.02	NOT SIGNIFICANT	NOT SIGNIFICANT	NOT SIGNIFICANT
GRADE 6	SIG. = $>$.01	SIG. = $>$.01	NOT SIGNIFICANT	SIG. = $>$.01
GRADE 7	NOT SIGNIFICANT	SIG. = $>$.01	NOT SIGNIFICANT	SIG. = $>$.01

NOTE: SIG. = $>$.10 MEANS THAT THERE IS 1 CHANCE IN TEN OF OBTAINING A SIMILAR DISTRIBUTION OF SCORES BY CHANCE ALONE.

SIG. = $>$.02 MEANS A CHANCE OF 2 OUT OF 100

SIG. = $>$.01 MEANS A CHANCE OF 1 OUT OF 100

(4) THIS TOTAL MASTERED VALUE (TMV) SCORE WAS USED FOR COMPARISONS. (SEE EXHIBIT 6.)

EXHIBIT 7

ST. LOUIS PUBLIC SCHOOLS

PEARSON PRODUCT-MOMENT CORRELATION COEFFICIENTS:

TMV COMPARISONS WITH G.E., SEI, GASC, & TASC

		IBS COMP. G.E. GAIN		SEI (Post)		GASC (Post)		TASC (Post)	
GRADE 4	r -	.26206	SIG. .10	.03018	NOT SIG.	.17562	NOT SIG.	.19877	NOT SIG.
	df -	40		41		41		41	
	N -	42		43		43		43	
GRADE 5	r -	.24263	SIG. .02	-.01255	NOT SIG.	.02425	NOT SIG.	-.12993	NOT SIG.
	df -	99		96		99		97	
	N -	101		98		97		99	
GRADE 6	r -	.49718	SIG. .01	.30557	SIG. .01	-.07411	NOT SIG.	-.31551	SIG. .01
	df -	97		96		96		96	
	N -	99		98		98		98	
GRADE 7	r -	.13059	NOT SIG,	.52566	SIG. .01	-.19119	NOT SIG.	-.27505	SIG. .01
	df -	40		40		40		40	
	N -	42		42		42		42	

2. <u>TOTAL MASTERED VALUES CORRELATE SIGNIFICANTLY WITH ITBS SCORES IN THREE OUT OF FOUR GRADE LEVELS</u>.

(1) THERE IS A STRONG POSITIVE RELATIONSHIP BETWEEM TMV AND ITBS SCORES IN 3 OUT OF 4 GRADE LEVELS. (SEE EXHIBIT 7.)

(2) THE EFFECT CANNOT BE INTERPRETED AS CAUSUAL, BUT THE HIGH DEGREE OF CORRELATION OBTAINED INDICATES THAT PLAN* STUDENTS ARE BEING MEASURED WITH A STANDARDIZED INSTRUMENT THAT CORRELATES HIGHLY WITH A CRITERION REFERENCED PROGRAM.

3. <u>TMV CORRELATES SIGNIFICANTLY WITH SEI POST TEST SCORES IN 2 OUT OF 4 GRADE LEVELS</u>.

(1) IN GRADES 4 AND 5, NO SIGNIFICANT CORRELATION WAS FOUND.

(2) IN GRADES 6 AND 7, STUDENTS WHO SCORED HIGHER ACADEMICALLY, ALSO SCORED HIGHER ON THE SELF ESTEEM INVENTORY.

(3) STUDENTS SCORING HIGHER ON ACHIEVEMENT (IN THIS CASE TMV) WOULD BE EXPECTED TO HAVE GREATER SELF-ESTEEM.

4. TMV DOES NOT CORRELATE SIGNIFICANTLY WITH GASC POST TEST (EITHER POSITIVELY OR NEGATIVELY) AT ANY GRADE LEVEL (GRADES 4-7).

(1) A NEGATIVE CORRELATION WOULD HAVE INDICATED THAT STUDENTS WHO SCORED HIGHER ACADEMICALLY ALSO SCORED LOWER (LESS GENERAL ANXIETY) ON THE GASC.

(2) THE CORRELATION COEFFICIENT INDICATES NO SIGNIFICANCE (I.E. THIS DISTRIBUTION OF SCORES COULD HAVE HAPPENED BY CHANCE ALONE).

(3) STUDENTS LEAVING HIGHER ACHIEVEMENT (IN THIS CASE TMV) WOULD BE EXPECTED TO HAVE MORE GENERAL ANXIETY).

5. TMV CORRELATES SIGNIFICANTLY WITH TASC POST TEST SCORES IN 2 OUT 4 GRADE LEVELS.

(1) IN GRADES 4 AND 5, NO SIGNIFICANT CORRELATION WAS FOUND.

(2) IN GRADES 6 AND 7, STUDENTS WHO SCORED HIGHER ACADEMICALLY ALSO SCORED HIGHER ON THE TASC.

(3) STUDENTS HAVING HIGHER ACHIEVEMENT (IN THIS CASE TMV) WOULD PROBABLY BY MORE ANXIOUS AND HAVE MORE CONCERN ABOUT DOING WELL.

VI. EFFECTIVENESS OF TEACHING PATTERNS IN PLAN* CLASSROOMS

EXHIBIT 8

ST. LOUIS PUBLIC SCHOOLS

CLASSROOM OBSERVATION RESULTS

PERCENT OF TIME SPENT BY CATEGORY

RANKED IN ORDER OF ACHIEVEMENT*

Class Room	Individual Interaction	Group Interaction	Classroom Management	Other	Mean Composite Grade Equivalent Gain on ITBS
1	69.00	10.50	18.50	2.00	.173
2	66.51	7.66	16.27	9.57	.364
3	74.75	1.52	15.15	8.59	.395
4	54.19	20.69	11.82	13.30	.496
5	60.42	7.81	18.75	7.81	.515
6	53.67	5.65	16.38	24.29	.517
7	45.05	15.32	14.86	24.77	.565
8	49.16	27.37	13.41	10.06	.569
9	46.95	7.98	25.35	19.72	.571
10	63.64	17.11	16.58	2.67	.689
11	70.68	1.05	20.94	7.33	.741
12	60.84	5.42	29.52	4.22	.831

VI. NO STATISTICALLY SIGNIFICANT DIFFERENCE WAS ASSOCIATED WITH OBSERVED TEACHING PATTERNS AND ACADEMIC SUCCESS.

1. DATA GATHERED FROM CLASSROOM OBSERVATIONS[1] OF TEACHERS AND TEACHER AIDES' ACTIVITIES INDICATED THERE WAS NO APPARENT ASSOCIATION BETWEEN TEACHING PATTERNS AND CLASS ACHIEVEMENT. (SEE EXHIBIT 8)

   (1) PEARSON CORRELATION COEFFICIENTS WERE COMPUTED FOR EACH GROUP BUT SHOWED NO SIGNIFICANT CORRELATION IN ANY CATEGORY.[2]

   (2) A SAMPLE TEACHER OBSERVATION FORM AND A TALLY OF THE FREQUENCY OF OCCURRENCES FOR EACH OF 12 TEACHER ACTIVITIES RECORDED IS REPORTED IN APPENDIX F .

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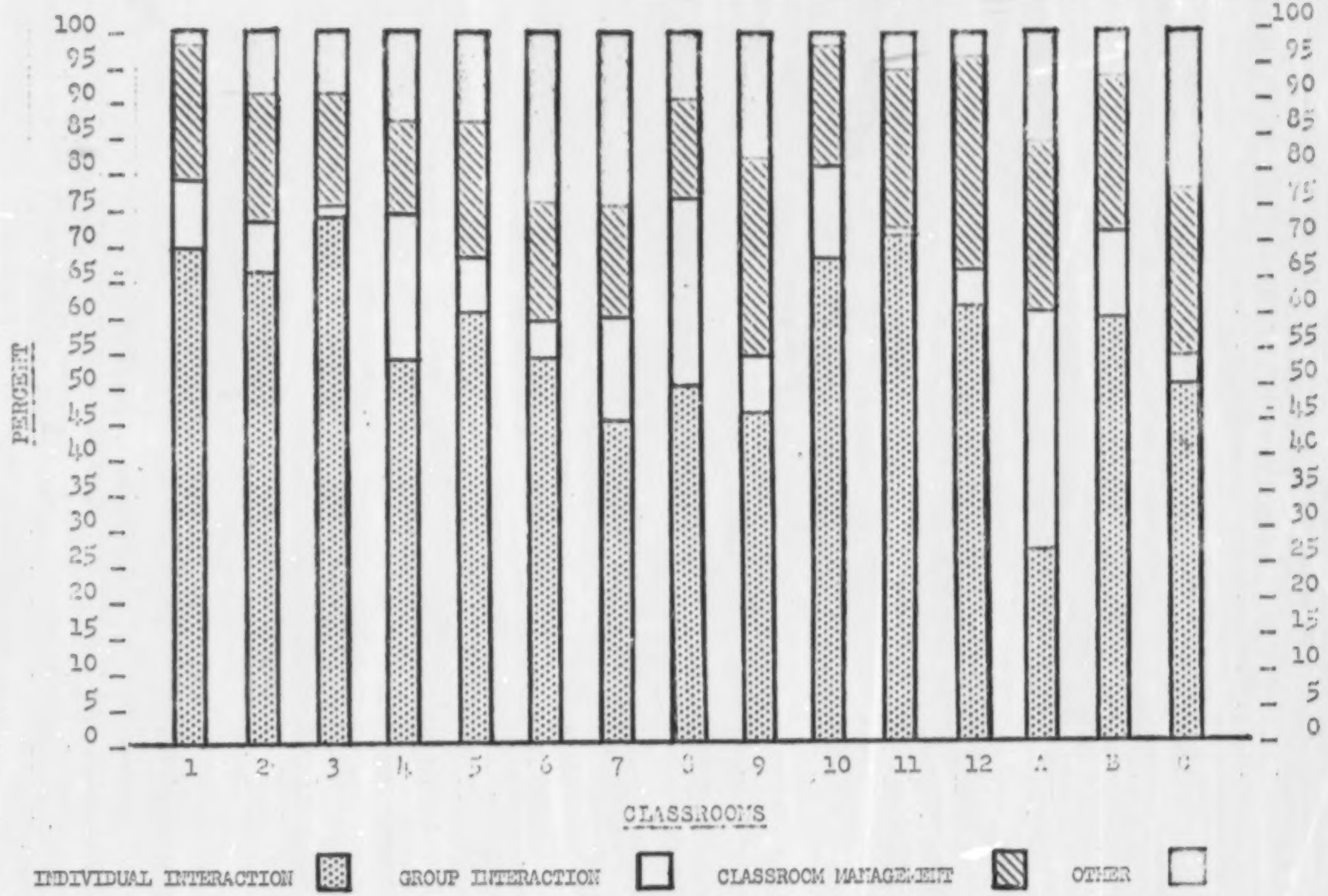
* Notes 1 & 2 are found on page 10.2.

EXHIBIT 9

ST. LOUIS PUBLIC SCHOOLS

TEACHING PATTERNS RANKED BY CLASSROOM ACHIEVEMENT *



NOTE: 1 - LOWEST 12 - HIGHEST PRIMARY CLASSROOMS A,B,&C NOT RANKED DUE TO LACK OF COMPOSITE G.E.

(3) THE DATA IS BASED ON GRADES 4 THROUGH 7, BUT THE FIRST 3 GRADES ARE INCLUDED IN THE APPENDIX AS CLASSROOMS A, B, & C

(4) EIGHT OUT OF THE 12 CLASSROOMS SHOWED A TEACHING PATTERN OF RELATIVELY HIGH INDIVIDUAL INTERACTION, LOW GROUP INTERACTION AND HIGH CLASSROOM MANAGEMENT ACTIVITIES.[3] (SEE EXHIBIT 9).

(5) THE OTHER 4 CLASSROOM PATTERNS SHOWED RELATIVELY HIGH INDIVIDUAL INTERACTION, SOMEWHAT LOWER GROUP INTERACTION AND A LOWER FREQUENCY OF CLASSROOM MANAGEMENT ACTIVITIES.[4]

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* Notes 3 & 4 are found on page 10.2.

VII. RELATIVE SATISFACTION OF STUDENTS AND TEACHERS IN PLAN* AND CONTROL CLASSROOMS

EXHIBIT 10

St. Louis Public Schools

STUDENT QUESTIONNAIRE RESULTS

PERCENTAGE OF RESPONSES - STUDENT QUESTIONNAIRE

GRADE LEVEL	CLASS CODE		MOST FAVORABLE (MIDDLE AND UPPER GRADES)								LEAST FAVORABLE		(PRIMARY GRADES) FAVORABLE		UNFAVORABLE		PERCENTAGE OF NO RESPONSE		$\bar{X}$ RESPONSES	
			A = 5		B = 4		C = 3		D = 2		E = 1		YES = 2		NO = 1					
	PLAN*	CONTROL	PLAN*	CONT.	PLAN*	CONT.	PLAN*	CONT.	PLAN*	CONT.	PLAN*	CONT.	PLAN*	CONT.	PLAN*	CONT.	PLAN*	CONT.	PLAN*	CONT.
Grade 1	SC01	WP01	-	-	-	-	-	-	-	-	-	-	75.6	83.3	22.2	15.2	2.2	1.5	1.75	1.85
Grade 2	SC02	WP02	-	-	-	-	-	-	-	-	-	-	67.4	*	31.2	*	1.5	*	1.69	*
Grade 3	SC03	WP03	-	-	-	-	-	-	-	-	-	-	80.3	67.6	17.8	31.8	1.9	0.6	1.82	1.68
Grade 4	SC07	HZ02	48.2	32.6	22.4	13.4	14.9	18.3	7.0	12.4	2.4	22.6	-	-	-	-	5.2	0.7	4.18	3.21
	WM04	ST04	40.8	25.9	30.4	18.5	18.8	28.7	4.2	16.7	5.4	10.2	-	-	-	-	0.4	-	3.98	3.33
Grade 5	SC05	ST03	45.3	32.3	30.9	27.7	15.9	23.6	4.4	11.4	2.5	5.0	-	-	-	-	0.9	-	4.13	3.71
	WM01	CB03	39.7	29.6	31.4	30.1	20.7	22.2	5.9	14.8	1.4	3.2	-	-	-	-	1.0	-	4.03	3.68
	WM02	CB04	43.9	43.9	29.3	23.2	18.2	18.4	3.9	9.2	2.1	1.9	-	-	-	-	2.5	3.4	4.12	4.02
	WM03	EM01	45.4	14.6	29.6	27.2	17.5	33.0	5.0	16.8	1.7	7.3	-	-	-	-	0.8	1.2	4.13	3.25
Grade 6	SC04	WP04	34.1	*	34.1	*	24.1	*	4.8	*	0.8	*	-	-	-	-	2.2	*	3.98	*
	WM05	CB01	27.4	19.2	34.8	26.8	25.2	29.3	9.6	11.1	3.0	10.6	-	-	-	-	-	3.0	3.74	3.34
	WM06	CB02	34.1	25.3	33.8	24.9	20.9	26.8	8.1	13.8	3.1	8.4	-	-	-	-	-	0.8	3.88	3.45
	WM07	ST02	31.9	34.4	34.3	28.3	24.3	21.7	7.1	12.2	1.4	3.3	-	-	-	-	1.0	-	3.89	3.76
Grade 7	SC06	HZ01	30.6	10.0	25.0	16.9	25.7	29.4	13.7	26.5	4.0	17.2	-	-	-	-	-	-	3.65	2.76
	WM08	ST01	38.4	26.1	34.4	24.6	20.8	31.4	2.8	13.5	2.8	4.3	-	-	-	-	0.8	-	4.04	3.55

* Wrong Questionnaire inadvertently distributed. Results not used.

VII. <u>STUDENTS IN 12 OU OF 13 (92.3%) PLAN* CLASSROOMS INDICATED HIGHER RELATIVE SATISFACTION THAN DID STUDENTS IN CONTROL CLASSROOMS. TEACHERS IN ALL PLAN* CLASSROOMS INDICATED HIGHER RELATIVE SATISFACTION THAN DID CONTROL TEACHERS.</u>

1. THE MEAN SCORE ($\bar{X}$) DERIVED WAS HIGHER IN PLAN* THAN CONTROL CLASSROOMS IN 12 OUT OF 13 COMPARISONS. (SEE EXHIBIT 10).

(1) THE MEAN RESPONSES WERE CALCULATED BY WEIGHING THE RESPONSES AND AVERAGING THE TOTAL SCORES.

[(A's x 5) + (B's x 4) + (C's x 3) +(D's x 2) + (E's x 1)] ÷ [(Total A's) + (Total B's) + (Total C's) + (Total D's) + (Total E's)1.]

- THOSE NOT RESPONDING ARE REPORTED IN THE NO RESPONSE COLUMN.
- THE PRIMARY GRADES QUESTIONNAIRE HAD 2 POSSIBLE RESPONSES, YES OR NO.
- THE MIDDLE GRADES QUESTIONNAIRE HAD 5 POSSIBLE RESPONSES, A, B. C. D. OR E WITH A MOST FAVORABLE AND E THE LEAST FAVORABLE.

(2) The percentage of responses for each classroom were calculated by dividing the total number of responses in each category by the total responses possible.

(3) A Pearson product moment correlation (r) between the mean classroom scores on the questionnaire and the Class Average Composite Grade Equivalent Scores on ITBS post tests showed no statistical significance.

- Items that were not asking for a rating of the instructional system were not included in the analysis.[1]

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1 Note 1 is found on page 10.2

3. <u>TEACHER'S IN PLAN* CLASSROOMS INDICATED GREATER SATISFACTION THAN DID CONTROL CLASSROOM TEACHERS.</u>

(1) THE MEAN RESPONSE FOR PLAN* TEACHERS WAS 3.78.

(2) THE MEAN RESPONSE FOR CONTROL TEACHERS WAS 3.11.

3. ALL OTHER CATEGORIES OF PERSONS RESPONDING TO QUESTIONS REGARDING SATISFACTION WITH PLAN* WERE MORE FAVORABLE THAN UNFAVORABLE.[2]

(1) MEAN SCORES BY CATEGORIES RESPONDING WERE:

- PLAN* PRINCIPALS - 3.54
- PLAN* ADMINISTRATIVE ASSISTANTS - 3.64
- PLAN* LIBRARIANS - 3.79
- PLAN* TEACHER AIDES - 4.21
- PLAN* TERMINAL OPERATORS - 4.25
- PARENTS OF STUDENTS IN PLAN* CLASSROOMS - 3.94

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2 Note 2 is found on page 10.2

VIII. COST ANALYSIS

EXHIBIT 11

ST. LOUIS PUBLIC SCHOOLS

PER PUPIL COSTS

AVERAGE COST PER PUPIL - 5 CONTROL SCHOOLS

REGULAR SALARIES	OTHER INSTRUCTIONAL COSTS	TOTAL ENROLLMENT	CONTROL AVERAGE ANNUAL COST/ PUPIL
COSTS FOR INSTRUCTIONAL STAFF ARE RELATIVELY CONSTANT AND NOT TREATED HERE AS A VARIABLE	SUPPLIES, TEXTBOOKS, EDUCATIONAL SUPPLIES, ENCYCLOPEDIAS AND TEXTS	TOTAL OF ALL REGULAR STUDENTS. (EXCLUDING SPECIAL EDUCATION	
	$108,451	3,586	$30.24

AVERAGE COST PER PUPIL - 2 PLAN* SCHOOLS

REGULAR SALARIES	OTHER INSTRUCTIONAL COSTS	PLAN* ENROLLMENT
(SEE ABOVE.)	TEXTBOOKS AND EDUCATIONAL SUPPLIES ARE PULLED OUT ON A PRO-RATIO BASIS. (THIS FIGURE IS SUBTRACTED FROM TOTAL O.I.C. FOR BOTH SCHOOLS AND MULTIPLIED BY THE RATIO OF PLAN* STUDENTS TO TOTAL SCHOOL ENROLLMENT.)	500 TOTAL ENROLLMENT INCLUDING PLAN* 1,790
	$ 3,193	

ADDITIONAL PLAN* SUPPLIES, MATERIALS AND CONTRACTED SERVICES

$ 59,324

ADDITIONAL ADMINISTRATIVE SALARIES ___

PLAN* AVERAGE ANNUAL COST/ PUPIL

AVERAGE COSTS FOR SUPPLIES, MATERIALS, & SERVICES 125

AVERAGE ADDITIONAL ADMINISTRATIVE COSTS 233

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VIII. THE AVERAGE COST PER PUPIL FOR PLAN* STUDENTS IS CURRENTLY VERY HIGH DUE TO DEVELOPMENTAL START-UP COSTS.

1. AS THE PROGRAM IS IMPLEMENTED FOR OTHER STUDENTS, COSTS DECREASE DRAMATICALLY.

(1) ONCE MATERIALS HAVE BEEN PURCHASED FOR A PLAN* CLASSROOM, THE START-UP COSTS DISAPPEAR AND NORMAL FINANCIAL OPERATIONAL COSTS RETURN.

(2) DURING FISCAL YEAR 1973, THE AVERAGE COST PER PLAN* STUDENT EXCEEDED THE AVERAGE CONTROL CLASSROOM COST PER STUDENT BY A FACTOR OF 10. (SEE EXHIBIT 11).

(3) "PLAN*-A" TO BE IMPLEMENTED IN FISCAL YEAR 1974, WILL COST ONLY HALF WHAT "PLAN*-C" COST DURING FISCAL YEAR 1973.

(4) A test-run to determine feasibility of running PLAN* on the St. Louis computer facility is scheduled for February.[1] Costs would decrease at that time.

(5) A decrease in the teacher to teacher aide ratio from one aide per teacher to one aide per two teachers was implemented in September, 1973.

(6) Writing modules for use with existing St. Louis texts will eventually decrease start-up costs (due to the fewer new materials required).

(7) The more students in PLAN*, the lower the cost per pupil ratio becomes.

(8) The costs for PLAN* are expected to decrease during the project's years to a point that the Board of Education can afford to implement PLAN* in schools throughout the city. At a cost not exceeding that of regular classrooms.

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* Note 1 is found on page 10.2.

IX. CONCLUSIONS AND RECOMMENDATIONS

9.0

IX. DECISIONS REGARDING TOTAL EFFECTIVENESS OF THE PROGRAM SHOULD WAIT FOR THE END OF THE SECOND YEAR.

1. CAUTION SHOULD BE USED IN INTERPRETING DATA.

(1) THE 1973 DATA IS CONTAMINATED IN GRADES 4 - 7 DUE TO THE PRETEST BEING GIVEN IN THE SPRING AND THE POST TEST BEING GIVEN THE FOLLOWING YEAR RATHER THAN WINTER AND SPRING AT THE START AND FINISH OF THE PROJECT'S FIRST YEAR. (THE PROGRAM HAD A MID-YEAR START - UP).

(2) THE TWO GRADE LEVELS SHOWING SIGNIFICANT GAINS WITH PLAN* WERE BOTH PRIMARY AND WERE MEASURED WITH A DIFFERENT TEST AND MEASURED PRECISELY THE SAME AMOUNT OF TIME THE PROGRAM WAS IN OPERATION RATHER THAN OVER A TOTAL YEAR OF HALF PLAN*, HALF REGULAR CLASSROOM INSTRUCTION. (THE EVALUATOR FEELS THAT THIS MEASUREMENT IS MORE RELIABLE THAN THE ITBS DATA).

(3) THE TWO GRADE LEVELS SHOWING SIGNIFICANT GAINS WITH CONTROL CLASSROOM INSTRUCTION HAD THE BENEFIT OF THE DISTRICT'S VOCABULARY DEVELOPMENT PROJECT (A CITY - WIDE PROGRAM).

- THE EFFECTS OF NOT USING THE VOCABULARY DEVELOPMENT PROJECT SHOULD BE STUDIES ALONG WITH OTHER POSSIBLE INFLUENCING FACTORS SUCH AS OTHER SPECIAL PROJECTS IN OPERATION.
- THE POSSIBLE USE OF VOCABULARY DEVELOPMENT PROJECT PROGRAMS ON AN INDIVIDUAL BASIS AT THE OPTION OF THE STUDENT AND TEACHER SHOULD BE EXPLORED.

(4) A follow - up on the Total Mastered Value (TMV) study (derived by totaling the values assigned to the cognitive level of the objectives successfully completed) should be undertaken by the evaluator during Fiscal 1974.

- A conversion table should be secured from Westinghouse Learning Corporation. (This is needed to compare PLAN* -A & PLAN* - C).
- A study of first-year sub-test scores on the ITBS should be initiated by the evaluator to determine how well students in PLAN* did by subject matter areas.

2. <u>Use of affective measures should continue but the General Anxiety Scale for Children (GASC) will be discontinued</u>.

(1) The instrument is more home oriented than school oriented and correlates highly with the Test Anxiety Scale for Children (TASC).

(2) The Self-Esteem Inventory (SEI) tests should be continued.

(3) A different factor measured with another affective instrument is the "My Class". This measures the way a student feels about his classmates and assesses the climate of the learning environment.

3. NO VALUE SEEMS APPARENT IN MAKING AS MANY CLASSROOM OBSERVATIONS AS THERE WERE DURING START-UP

(1) NO SPECIAL COMBINATION OF TEACHING TECHNIQUES WAS FOUND TO PRODUCE SIGNIFICANTLY HIGHER ACHIEVEMENT.

(2) REPLICATION OF THE STUDY DOES NOT SEEM PROFITABLE IN CONTENT OF RESULTS OR FROM A COST-EFFECTIVENESS POINT OF VIEW.

4. ADDITIONAL COSTING INFORMATION NEEDS TO BE MADE AVAILABLE TO FACILITATE COST BENEFIT ANALYSIS

(1) A MORE FORMAL COST-BENEFIT ANALYSIS SHOULD BE UNDERTAKEN BY THE EVALUATOR FOR THE SECOND PROJECT YEAR.

- COST-BENEFIT ANALYSIS BETWEEN PLAN* AND OTHER SPECIALLY FUNDED PROJECTS WOULD BE APPROPRIATE.
- FOLLOW-UP ON THE COST ANALYSIS BETWEEN PLAN* AND CONTROL SHOULD BE CONTINUED.

(2) A BETTER SYSTEM FOR GATHERING REQUIRED DATA SHOULD BE EXPLORED WITH APPROPRIATE DIVISIONS.

5. THE QUESTIONNAIRES USED TO MEASURE SATISFACTION WITH THE INSTRUCTIONAL SYSTEM SHOULD BE REVISED.

   (1) SAMPLING THE POPULATION WOULD PROBABLY BE SUFFICIENT FOR ANALYSIS.
   (2) QUESTIONNAIRE RESPONSES SHOULD BE MACHINE SCOREABLE.

6. THE TEST-RUN OF DATA AND THE ASSOCIATED ROUTING OF CARDS AND PRINTOUTS MUST BE PROVEN BEFORE RELEASE OF THE IOWA CITY LINES SHOULD BE CONSIDERED.

   (1) DAILY TURNAROUND SHOULD BE ACHIEVED EACH DAY FOR ONE MONTH BEFORE IMPLEMENTATION.
   (2) ACCURACY OF THE DATA STORED AND RETRIEVED SHOULD BE VERIFIED DAILY FOR ONE MONTH BEFORE IMPLEMENTATION.
   (3) A FIVE-YEAR IMPLEMENTATION PLAN SHOULD BE DRAFTED BY THE EVALUATION DIVISION TO BE USED FOLLOWING THE FIRST THREE PROJECT YEARS SHOULD THE PROJECT PROVE TO BE COST-EFFECTIVE AND BENEFICIAL ACADEMICALLY.

7. <u>THE VERY SHORT (ABOUT 4 MONTH) START-UP PERIOD WAS CRITICAL TO THE COMPARISONS BETWEEN PLAN* AND CONTROL</u>.

(1) BOTH THE POSITIVE AND NEGATIVE RESULTS SHOULD BE TREATED VERY CAUTIOUSLY IN JUDGING SUCCESS OF THE PROGRAM.

(2) AT THE END OF THE SECOND YEAR, RESULTS WILL BE MORE RELIABLE.

X. NOTES

10.0

CHAPTER	NUMBER	NOTES
II	1	See the results published in ERIC document #EJ 040699. The total list of documents obtained are found in Appendix A.
	2	PLAN* sites who sent copies of their evaluation are listed in Appendix B. Results of the outside consultant's work for St. Louis Public Schools is reported in Appendix C.
III	1	This test is a standardized achievement test published my Harcourt Brace Jovanovich Inc. - Copyright Date 1971. After selection of the control classrooms, the evaluator discovered that one teacher had administered a Primary II test to her class of 3rd rage students in October. Since the publisher converts all standard scores to a common base, results between levels are valid comparisons and this test served as the pretest. In all other cases, the Primary I test was administered to Grade 1, Primary II to Grade 2, and Elementary to Grade 3. Pretests were given in early March (Form F). Post tests were administered in mid June (Form G).
	2	The evaluation model set .05 as the level required to reject the null hypothesis. This means that the probability is only five chances in a hundred of having such a distribution by chance. Statistical data is sound in Appendix D.
	3	This test is routinely administered city-wide via instructional radio. Access to scores by evaluators is available through the Data Processing Division. Students are tested each Spring, using different forms of the test annually. Statistical data is found in Appendix E.
IV	1	Dr. Marvin Powell of the Foundation for Individualized Evaluation and Research located in DeKalb, Illinois served as an outside consultant to score the instruments and provide a statistical analysis which appears in Appendix C. Only one classroom per program was involved in the Primary grade levels. Unfortunately, the 3rd grade Control Classroom tests were lost en route to the consultant, therefore, no 3rd grade analysis was possible.
	2	A 2-tailed t-test for difference was computed for comparisons. Samples of each instrument are found in Appendix C. The S.E.I. score & T.A.S.C. scores decrease to show less anxiety. Higher achievement would expect to associated with groups increasing in self esteem and those showing more concern about test scores (higher test anxiety).

CHAPTER	NUMBER	NOTES
V	1	Benjamin S. Bloom, Taxonomy of Educational Objectives, David McKay Company Inc., New York, 1956. (Cognitive Domain).
VI	1	Each PLAN* classroom was visited eight times and the activity of the teacher and teacher aide was recorded at 5 minute intervals at least thirteen times per visit. The visitation schedule was made to sample different times of the day on different days of the week. Teachers and aides were not given advance notice of the time they were to be observed to minimize modification of their behavior during the observations. The schedule was occasionally adjusted to compensate for Physical Education and Art Classes.
	2	Individual Interaction with Achievement: Pearson r = +.14966 N=12 Group Interaction with Achievement: Pearson r = +.07021 N=12 Classroom Management with Achievement: Pearson r = +.04479 N=12 Other Activities with Achievement: Pearson r = -.28689 N=12
	3 & 4	The five patterns studied are described in the evaluation model of August 1972.
VII	1 & 2	This included questions asking which subject area they liked best, etc. Samples of the questionnaires are found with the statistical data in Appendix G.
VIII	1	Charted comparisons are found in Appendix H.

APPENDIX A

LITERATURE SEARCH ERIC DOCUMENTS BIBLIOGRAPHY

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2. DEVELOPMENT OF THE PROGRAM FOR LEARNING IN ACCORDANCE WITH NEEDS TEACHER OBSERVATION SCALE: A TEACHER OBSERVATION SCALE FOR INDIVIDUALIZED INSTRUCTION, QUIRK, THOMAS J.; AND OTHERS, JOURNAL OF EDUCATIONAL PSYCHOLOGY, v62 n3, pp138-200, JUN '71

3. GUIDANCE TESTING AND THE INDIVIDUALIZED PROGRAM OF STUDIES, JUNG, STEVEN M., EDUC. v90 n3, pp227-31, FEB-MAR '70

4. INDIVIDUALIZING SCIENCE INSTRUCTION WITHIN PROJECT PLAN, PATTERSON, MARVIN, SCIENCE TEACHER, v37 n9, pp33-35, DEC '70

5. PLAN IS A PROJECT HALFWAY THERE, WEISGERBER, ROBERT A., EDUC. SCREEN ADUIOVISUAL GUIDE v48 n7, pp12-13, 29, JUL '69

6. PROJECT PLAN - AN INDIVIDUALIZED LEARNING SYSTEM, LIBERMAN, HERBERT, AUDIOVISUAL INSTR., v15 n6, pp84, JUN-JUL '70

7. The Student in Project PLAN: A Functioning Program of Individualized Education, Quirk, Thomas J., Elementary School Journal, v71 n1, pp42-54, Oct '70

8. Project PLAN Progress Report, Wright, Calvin E., Educ. v90 n3, pp261-9, 73, Feb-Mar '70

9. The Impact of Student Learning Style on Curriculum Assignment and Performance in the PLAN Program of Individualized Instruction, Rhetts, John E., Educ. v90 n3, pp248-51, Feb-Mar '70

10. The PLAN Approach to Curriculum Definition, Dunn, James A., Educ. v90 n3, pp221-6, 38, Feb-Mar '70

APPENDIX B

LIST OF EVALUATION RESULTS RECEIVED

Location	District Representative
1. Bettendorf Community School District	Raymond W. Oles
2. College Community Schools	Howard C. Strong
3. Jackson Public Schools	Sam Ulsaker
4. Pleasant Valley Community School District	Ed D. Fauble
5. Winona Public Schools	Richard A. Adank

APPENDIX C

(Grades 1-3)

NAME: ______________________________

(First MI Last)

Mark with an ☒

			YES	NO
1.	Do you think you spend a lot of time daydreaming?	1.	☐	☐
2.	Are you pretty sure of yourself?	2.	☐	☐
3.	Do you often wish you were someone else?	3.	☐	☐
4.	Do you think you're easy to like?	4.	☐	☐
5.	Do your parents (Mom & Dad) and you have a lot of fun together?	5.	☐	☐
6.	Do you ever worry about anything?	6.	☐	☐
7.	Do you find it very hard to talk in front of the class?	7.	☐	☐
8.	Do you wish you were younger? (not as old as you are)	8.	☐	☐
9.	Do you think there are lots of things about yourself you'd change if you could?	9.	☐	☐
10.	Do you think you can make up your mind about things without too much trouble?	10.	☐	☐
11.	Do you think you're a lot of fun to be with?	11.	☐	☐
12.	Do you get upset easily at home?	12.	☐	☐
13.	Do you think you <u>always</u> do the right thing?	13.	☐	☐

		YES	NO
14. Are you proud of your school work?	14.	☐	☐
15. Does someone always have to tell you what to do?	15.	☐	☐
16. Does it take you a long time to get used to anything new?	16.	☐	☐
17. Do you often feel sorry about the things you do?	17.	☐	☐
18. Do you think you're popular with kids your own age? Alternate: Do you think kids your own age like to be with you and do things with you?	18.	☐	☐
19. Do you think your parents (Mom & Dad) usually consider your feelings? Alternate: Do your parents usually want to know how you feel about things?	19.	☐	☐
20. Are you <u>ever</u> unhappy?	20.	☐	☐
21. Do you think you're doing the best work that you can?	21.	☐	☐
22. Do you think you give in very easily? (Optional: Explain with example)	22.	☐	☐
23. Do you think you can usually take care of yourself?	23.	☐	☐
24. Are you pretty happy?	24.	☐	☐
25. Would you rather play with children younger than you?	25.	☐	☐
26. Do you think your parents (Mom & Dad) expect too much of you? Alternate: Do you think your Mom & Dad want you to do things better than you think you can do them?	26.	☐	☐
27. Do you like everyone you know?	27.	☐	☐
28. Do you like to be called on in class?	28.	☐	☐

	YES	NO
29. Do you think you understand yourself? Alternate: Do you think you know a lot about yourself- how you think and feel about things?	29. ☐	☐
30. Do you think its pretty tough to be you?	30. ☐	☐
31. Do you think things are all mixed up in your life?	31. ☐	☐
32. Do kids usually follow your ideas?	32. ☐	☐
33. Do you think people pay much attention to you at home?	33. ☐	☐
34. Do you ever get scolded? (Yelled at?)	34. ☐	☐
35. Are you doing as well in school as you'd like to?	35. ☐	☐
36. Can you make up your mind and stick to it?	36. ☐	☐
37. Do you like being a boy - girl?	37. ☐	☐
38. Do you think bad things about yourself?	38. ☐	☐
39. Do you like to be with other people?	39. ☐	☐
40. Are there times when you'd like to leave home?	40. ☐	☐
41. Are you ever shy?	41. ☐	☐
42. Do you often feel upset (feel bad) in school?	42. ☐	☐
43. Do you often feel ashamed of yourself?	43. ☐	☐

		YES	NO
44. Do you think that you're as nice looking as most people?	44.	☐	☐
45. If you have something to say, do you usually say it?	45.	☐	☐
46. Do you think kids pick on you very often?	46.	☐	☐
47. Do you think your parents (Mom & Dad) understand you? Alternate: Do you think your Mom & Dad understand how you think and feel about things?	47.	☐	☐
48. Do you <u>always</u> tell the truth?	48.	☐	☐
49. Does your teacher make you feel like you're not good enough?	49.	☐	☐
50. Do you care what happens to you?	50.	☐	☐
51. Do you think you're a failure?	51.	☐	☐
52. Do you get easily upset when you're scolded? (Yelled at?)	52.	☐	☐
53. Do you think most people are better liked than you are?	53.	☐	☐
54. Do you usually feel as if your parents want you to be doing too many things?	54.	☐	☐
55. Do you always know what to say to people?	55.	☐	☐
56. Do you often get discouraged in school?	56.	☐	☐
57. Do things usually bother you?	57.	☐	☐
58. Do you think you can be depended on? (Example) Alternate: If someone asks you to do something, can they be pretty sure you'll do it without having to be checked up on?	58.	☐	☐

(Grades 4-8) SEI CODE ____________

Please mark each statement in the following way:
If the statement describes how you usually feel, put a check ( ) in the box under the column "LIKE ME."
If the statement does not describe how you usually feel, put a check ( ) in the box under the column "UNLIKE ME."
If an answer sheet is used, use a No. 2 pencil to mark between the dashed lines ‖ under L for LIKE or U for UNLIKE.

		LIKE ME L	UNLIKE ME U	
1.	I spend a lot of time daydreaming.	☐	☐	1
2.	I'm pretty sure of myself.	☐	☐	2
3.	I often wish I were someone else.	☐	☐	3
4.	I'm easy to like.	☐	☐	4
5.	My parents and I have a lot of fun together.	☐	☐	5
6.	I never worry about anything.	☐	☐	6
7.	I find it very hard to talk in front of the class.	☐	☐	7
8.	I wish I were younger.	☐	☐	8
9.	There are lots of things about myself I'd change if I could.	☐	☐	9
10.	I can make up my mind without too much trouble.	☐	☐	1
11.	I'm a lot of fun to be with.	☐	☐	1
12.	I get upset easily at home.	☐	☐	1
13.	I always do the right thing.	☐	☐	1
14.	I'm proud of my school work.	☐	☐	1
15.	Someone always has to tell me what to do.	☐	☐	1
16.	It takes me a long time to get used to anything new.	☐	☐	
17.	I'm often sorry for the things I do.	☐	☐	
18.	I'm popular with kids my own age.	☐	☐	
19.	My parents usually consider my feelings.	☐	☐	
20.	I'm never unhappy.	☐	☐	
21.	I'm doing the best work that I can.	☐	☐	
22.	I give in very easily.	☐	☐	
23.	I can usually take care of myself.	☐	☐	
24.	I'm pretty happy.	☐	☐	
25.	I would rather play with children younger than me.	☐	☐	

		LIKE ME L	UNLIKE ME U	
26.	My parents expect too much of me.			26
27.	I like everyone I know.			27
28.	I like to be called on in class.			28
29.	I understand myself.			29
30.	It's pretty tough to be me.			30
31.	Things are all mixed up in my life.			31
32.	Kids usually follow my ideas.			32
33.	No one pays much attention to me at home.			33
34.	I never got scolded.			34
35.	I'm not doing as well in school as I'd like to.			35
36.	I can make up my mind and stick to it.			36
37.	I really don't like being a boy - girl.			37
38.	I have a low opinion of myself.			38
39.	I don't like to be with other people.			39
40.	There are many times when I'd like to leave home.			40
41.	I'm never shy.			41
42.	I often feel upset in school.			42
43.	I often feel ashamed of myself.			43
44.	I'm not as nice looking as most people.			44
45.	If I have something to say, I usually say it.			45
46.	Kids pick on me very often.			46
47.	My parents understand me.			47
48.	I always tell the truth.			48
49.	My teacher makes me feel I'm not good enough.			49
50.	I don't care what happens to me.			50
51.	I'm a failure.			51
52.	I get upset easily when I'm scolded.			52

	LIKE ME L	UNLIKE ME U	
53. Most people are better liked than I am.------------------------	☐	☐	53
54. I usually feel as if my parents are pushing me.----------------	☐	☐	54
55. I always know what to say to people.---------------------------	☐	☐	55
56. I often get discouraged in shcool.-----------------------------	☐	☐	56
57. Things usually don't bother me.--------------------------------	☐	☐	57
58. I can't be depended on.--	☐	☐	58

26. Are you afraid of things like guns? 26.

27. Without knowing why, do you sometimes get a funny feeling in your stomach? 27.

28. Are you afraid of being bitten or hurt by a dog? 28.

29. Do you ever worry about something bad happening to someone you know? 29.

30. Do you worry when you are home alone at night? 30.

31. Are you afraid of being too near fireworks because of their exploding? 31.

32. Do you worry that you are going to get sick? 32.

33. Are you ever unhappy? 33.

34. When your mother is away from home, do you worry about whether she is going to come back? 34.

35. Are you afraid to dive into the water because you might get hurt? 35.

36. Do you get a funny feeling when you touch something that has a real sharp edge? 36.

37. Do you ever worry about what is going to happen? 37.

38. Do you get scared when you have to go into a dark room? 38.

39. Do you dislike getting in fights because you worry about getting hurt in them? 39.

40. Do you worry about whether your father is going to get sick.

41. Have you ever had a scary dream? 41.

42. Are you afraid of spiders? 42.

43. Do you sometimes get the feeling that something bad is going to you? 43.

44. When you are alone in a room and you hear a strange noise, do you get a frightened feeling? 44.

45. Do you ever worry? 45.

GASC

NAME: ______________________________
(First MI Last)

DIRECTIONS: (Grades 1-3)
Write Y for YES or N for NO beside the number in the right-hand margin.

1. When you are away from home, do you worry about what might be happening at home? 1.

2. Do you sometimes worry about whether other children are better looking that you are? 2.

3. Are you afraid of mice or rats? 3.

4. Do you ever worry about knowing your lessons? 4.

5. If you were to climb a ladder, would you worry about falling off it? 5.

6. Do you worry about whether your mother is going to get sick? 6.

7. Do you get scared when you have to walk home alone at night? 7.

8. Do you ever worry about what other people think of you? 8.

9. Do you get a funny feeling when you see blood? 9.

10. When your father is away from home, do you worry about whether he is going to come back? 10.

11. Are you frightened by lightning and thunderstorms? 11.

12. Do you ever worry that you won't be able to do something you waht to do? 12.

13. When you go to the dentist, do you worry that he may hurt you? 13.

14. Are you afraid of things like snakes? 14.

15. When you are in bed at night trying to go to sleep, do you often find that you are worrying about something? 15.

16. When you were younger, were you ever scared of anything? 16.

17. Are you sometimes frightened when looking down from a high place? 17.

18. Do you get worried when you have to go to the doctor's office? 18.

19. Do some of the stories on radio and television scare you? 19.

20. Have you ever been afraid of getting hurt? 20.

21. When you are home alone and someone knocks on the door, do you get a worried feeling? 21.

22. Do you get a scary feeling when you see a dead animal? 22.

23. Do you think you worry more than other students? 23.

24. Do you worry that you might get hurt in some accident? 24.

25. Has anyone ever been able to scare you? 25.

(over)

CASC

DIRECTIONS: (Grades 4-8)

If an answer sheet is used, please fill in the dashed line ‖ under YES or NO according to how you really feel about the question.

1. When you are away from home, do you worry about what might be happening at home? 1.

2. Do you sometimes worry about whether other children are better looking that you are? 2.

3. Are you afraid of mice or rats? 3.

4. Do you ever worry about knowing your lessons? 4.

5. If you were to climb a ladder, would you worry about falling off it? 5.

6. Do you worry about whether your mother is going to get sick? 6.

7. Do you get scared when you have to walk home alone at night? 7.

8. Do you ever worry about what other people think of you? 8.

9. Do you get a funny feeling when you see blood? 9.

10. When your father is away from home, do you worry about whether he is going to come back? 10.

11. Are you frightened by lightning and thunderstorms? 11.

12. Do you ever worry that you won't be able to do something you want to do? 12.

13. When you go to the dentist, do you worry that he may hurt you? 13.

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22. Do you get a scary feeling when you see a dead animal? 22.

23. Do you think you worry more than other students? 23.

24. Do you worry that you might get hurt in some accident? 24.

25. Has anyone ever been able to scare you? 25.

(over)

GASC (continued)

26. Are you afraid of things like guns? 26.

27. Without knowing why, do you sometimes get a funny feeling in your stomach? 27.

28. Are you afraid of being bitten or hurt by a dog? 28.

29. Do you ever worry about something bad happening to someone you know? 29.

30. Do you worry when you are home alone at night? 30.

31. Are you afraid of being too near fireworks because of their exploding? 31.

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33. Are you ever unhappy? 33.

34. When your mother is away from home, do you worry about whether she is going to come back? 34.

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44. When you are alone in a room and you hear a strange noise, do you get a frightened feeling? 44.

45. Do you ever worry? 45.

NAME ______________________________
(First MI Last)

DIRECTIONS: (Grades 1-3)
Write Y for YES or N for NO beside the number in the right-hand margin.

50. Do you worry when the teacher says that she is going to ask you questions to find out how much you know? 50.

51. Do you worry about being promoted, that is, passing to the next grade at the end of the year? 51.

52. When the teacher asks you to get up in front of the class and read aloud, are you afraid that you are going to make some bad mistakes? 52.

53. When the teacher says that she is going to call upon some students in the class to do math, do you hope that she will call upon someone else and not you? 53.

54. Do you sometimes dream at night that you are in school and cannot answer the teacher's questions? 54.

55. When the teacher says that she is going to find out how much you have learned does your heart begin to beat faster? 55.

56. When the teacher is teaching you about math, do you feel that other children in the class understand her better than you? 56.

57. When you are in bed at night, do you sometimes worry about how you are going to do in class the next day? 57.

58. When the teacher asks you to write on the blackboard in front of the class, does the hand you write with sometimes shake a little? 58.

59. When the teacher is teaching you about English, do you feel that other children in class understand her better than you? 59.

60. Do you worry more about school than other children? 60.

61. When you are at home and you are thinking about your math for the next day, do you become afraid that you will get the answers wrong when the teacher calls upon you? 61.

62. If you are sick and miss school, do you worry that you will do more poorly in your schoolwork than other children when you return to school? 62.

63. Do you sometimes dream at night that other boys and girls in your class can do things you cannot do? 63.

64. When you are at home and you are thinking about your English lesson for the next day, do you worry that you will do poorly on the lesson? 64.

65. When the teacher says that she is going to find out how much you have learned, do you get a funny feeling in your stomach? 65.

66. If you did very poorly when the teacher called on you, would you probably feel like crying even though you would try not to cry? 66.

67. Do you sometimes dream at night that the teacher is angry because you do not know your lessons? 67.

TO TEACHER: PLEASE READ THIS NEXT SECTION CAREFULLY AND BE SURE STUDENTS UNDERSTAND IT.

In the following questions the word "test" is used. What I mean by "test" is any time the teacher asks you to do something to find out how much you know or how much you have learned. It could be by your writing on paper, or by your speaking aloud, or by your writing on the blackboard. Do you understand what I mean by "test"? -- It is any time the teacher asks you to do something to find out how much you know.

68. Are you afraid of school tests? 68.

69. Do you worry a lot before you take a test? 69.

70. Do you worry a lot while you are taking a test? 70.

71. After you have taken a test do you worry about how well you did on the test? 71.

72. Do you sometimes dream at night that you did poorly on a test you had in school that day? 72.

73. When you are taking a test, does the hand you write with shake a little? 73.

74. When the teacher says that she is going to give the class a test, do you become afraid that you will do poorly? 74.

75. When you are taking a hard test, do you forget some things you knew very well before you started taking the test? 75.

76. Do you wish a lot of times that you didn't worry so much about tests? 76.

77. When the teacher says that she is going to give the class a test, do you get a nervous or funny feeling? 77.

78. While you are taking a test do you usually think you are doing poorly? 78.

79. While you are on your way to school, do you sometimes worry that the teacher may give the class a test? 79.

DIRECTIONS: (Grades 4-8)
If an answer sheet is used, please fill in the dashed line ¦¦ under YES or NO according to how you really feel about the question.

51. Do you worry when the teacher says that she is going to ask you questions to find out how much you know? 51.

52. Do you worry about being promoted, that is, passing to the next grade at the end of the year? 52.

53. When the teacher asks you to get up in front of the class and read aloud are you afraid that you are going to make some bad mistakes? 53.

54. When the teacher says that she is going to call upon some students in the class to do math, do you hope that she will call upon someone else and not you? 54.

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61. Do you worry more about school than other children? 61.

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63. If you are sick and miss school, do you worry that you will do more poorly in your schoolwork than other children when you return to school? 63.

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67. If you did very poorly when the teacher called on you, would you probably feel like crying even though you would try not to cry? 67.

68. Do you sometimes dream at night that the teacher is angry because you do not know your lessons? 68.

(over)

TASC (continued)

TO TEACHER: PLEASE READ THIS NEXT SECTION CAREFULLY AND BE SURE STUDENTS UNDERSTAND IT.

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79. While you are taking a test do you usually think you are doing poorly? 79.

80. While you are on your way to school, do you sometimes worry that the teacher may give the class a test? 80.

GRADE 1

	NUMBER OF CASES	MEAN	STANDARD DEVIATION	T VALUE	DEGREES OF FREEDOM	2-TAIL PROB.
SEI (PRE)						
PLAN	35	64.8000	15.935	0.16	57.23	0.872
NON-PLAN	29	64.2758	9.677			
GASC (PRE)						
PLAN	35	19.1714	9.937	-0.50	61.78	0.619
NON-PLAN	29	20.2758	7.727			
TASC (PRE)						
PLAN	35	14.4000	8.879	-0.27	61.54	0.786
NON-PLAN	29	14.9310	6.718			
SEI (POST)						
PLAN	31	65.3548	12.483	-0.84	52.01	0.406
NON-PLAN	26	68.2308	13.270			
GASC (POST)						
PLAN	30	19.5000	8.374	-2.34	50.38	0.023*
NON-PLAN	27	23.8518	5.468			
TASC (POST)						
PLAN	31	13.3226	9.101	1.15	47.36	0.256
NON-PLAN	27	11.1481	4.920			

GRADE 2

	NUMBER OF CASES	MEAN	STANDARD DEVIATION	T VALUE	DEGREES OF FREEDOM	2-TAIL PROB.
SEI (PRE)						
PLAN	35	61.1429	11.805	1.65	50.69	0.105
NON-PLAN	33	54.4242	20.370			
GASC (PRE)						
PLAN	35	18.0000	8.496	-1.30	65.85	0.197
NON-PLAN	33	20.6667	8.388			
TASC (PRE)						
PLAN	35	12.5714	7.064	-2.37	65.27	0.021*
NON-PLAN	33	16.7273	7.396			
SEI (POST						
PLAN	32	62.3125	12.445	1.62	58.93	0.110
NON-PLAN	29	57.3103	11.653			
GASC (POST)						
PLAN	32	17.4375	10.071	-2.10	55.95	0.040*
NON-PLAN	28	22.1429	7.220			
TASC (POST)						
PLAN	32	12.4063	8.393	-4.00	57.67	>0.001*
NON-PLAN	28	20.2500	6.786			

GRADE 4

	NUMBER OF CASES	MEAN	STANDARD DEVIATION	T VALUE	DEGREES OF FREEDOM	2-TAIL PROB.
SEI (PRE)						
PLAN	62	61.1613	15.109	-0.50	109.97	0.618
NON-PLAN	50	62.4400	11.961			
GASC (PRE)						
PLAN	62	21.1290	6.839	1.26	97.88	0.212
NON-PLAN	50	19.3600	7.850			
TASC (PRE)						
PLAN	62	18.1452	6.143	5.49	102.35	>0.001*
NON-PLAN	50	11.5200	6.500			
SEI (POST)						
PLAN	59	59.7288	16.101	-2.04	96.96	0.044*
NON-PLAN	43	65.8139	13.951			
GASC (POST)						
PLAN	59	19.5593	6.548	0.63	80.06	0.530
NON-PLAN	43	18.6279	7.898			
TASC (POST)						
PLAN	59	16.9153	5.820	3.91	80.83	>0.001*
NON-PLAN	43	11.8372	6.928			

GRADE 5

	NUMBER OF CASES	MEAN	STANDARD DEVIATION	T VALUE	DEGREES OF FREEDOM	2-TAIL PROB.
SEI (PRE)						
PLAN	124	62.2903	14.283	-0.49	239.09	0.622
NON-PLAN	118	63.2034	14.453			
GASC (PRE)						
PLAN	124	20.1290	8.107	-1.11	238.22	0.269
NON-PLAN	118	21.2119	7.071			
TASC (PRE)						
PLAN	124	14.2500	6.851	0.08	229.87	0.933
NON-PLAN	118	14.1695	8.058			
SEI (POST)						
PLAN	114	66.4211	13.610	1.67	210.72	0.096
NON-PLAN	107	63.1215	15.594			
GASC (POST)						
PLAN	114	19.7193	8.085	0.34	218.98	0.736
NON-PLAN	107	19.3645	7.517			
TASC (POST)						
PLAN	114	14.8947	6.865	0.23	214.31	0.819
NON-PLAN	107	14.6729	7.472			

GRADE 6

	NUMBER OF CASES	MEAN	STANDARD DEVIATION	T VALUE	DEGREES OF FREEDOM	2-TAIL PROB.
SEI (PRE)						
PLAN	129	66.4186	14.557	3.68	242.13	>0.001
NON-PLAN	117	59.6154	14.410			
GASC (PRE)						
PLAN	129	20.2248	7.270	-0.48	237.67	0.635
NON-PLAN	117	20.6154	5.581			
TASC (PRE)						
PLAN	129	14.4109	6.984	-1.08	243.83	0.280
NON-PLAN	117	15.3419	6.500			
SEI (POST)						
PLAN	121	68.8264	15.517	4.78	217.41	>0.001
NON-PLAN	101	59.1980	14.431			
GASC (POST)						
PLAN	121	18.9835	7.529	-1.14	210.31	0.255
NON-PLAN	94	20.0957	6.627			
TASC (POST)						
PLAN	121	14.8099	7.491	-0.76	210.37	0.449
NON-PLAN	96	15.5521	6.884			

GRADE 7

	NUMBER OF CASES	MEAN	STANDARD DEVIATION	T VALUE	DEGREES OF FREEDOM	2-TAIL PROB.
SEI (PRE)						
PLAN	65	65.1692	12.990	1.18	110.84	0.242
NON-PLAN	59	62.0339	16.284			
GASC (PRE)						
PLAN	65	17.9692	6.636	0.28	114.72	0.783
NON-PLAN	59	17.6102	7.762			
TASC (PRE)						
PLAN	65	14.0923	6.848	0.50	120.39	0.620
NON-PLAN	59	13.4746	6.971			
SEI (POST)						
PLAN	60	64.4667	14.629	0.68	109.50	0.495
NON-PLAN	56	62.4643	16.738			
GASC (POST)						
PLAN	60	16.0833	8.298	-0.96	112.18	0.341
NON-PLAN	55	17.5636	8.277			
TASC (POST)						
PLAN	59	13.3898	7.627	-0.44	110.92	0.664
NON-PLAN	54	13.9815	6.789			

Code 6000 Grade 1

Code 6001

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		65.00	9.87				
	26			.685	-1.70	25	.102
SEI (Post)		68.23	13.27				
GASC (Pre)		19.96	7.87				
	27			.653	-3.39	26	.002 *
GASC (Post)		23.85	5.47				
TASC (Pre)		14.41	6.29				
	27			.208	2.37	26	.025 *
TASC (Post)		11.15	4.92				

Code 4000 Grade 1

Code 4001

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)	31	64.77	16.73	.244	-.18	30	.861
SEI (Post)		65.35	12.48				
GASC (Pre)	30	19.43	10.12	.729	-.05	29	.959
GASC (Post)		19.50	8.37				
TASC (Pre)	31	14.52	8.76	.459	.71	30	.480
TASC (Post)		13.32	9.10				

Code 4000 Grade 2

Code 4002

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		60.00	11.70				
	32			.488	-1.07	31	.293
SEI (Post)		62.31	12.45				
GASC (Pre)		17.94	8.86				
	32			.585	.33	31	.747
GASC (Post)		17.44	10.07				
TASC (Pre)		12.72	7.38				
	32			.535	.23	31	.819
TASC (Post)		12.41	8.39				

Code 6000 Grade 2

Code 6002

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		53.72	20.65				
	29			.35	-.97	28	.339
SEI (Post)		57.31	11.65				
GASC (Pre)		20.79	8.97				
	28			.227	-.71	27	.486
GASC (Post)		22.14	7.22				
TASC (Pre)		16.61	7.42				
	28			-.121	-1.81	27	.081 *
TASC (Post)		20.25	6.79				

Code 4000 Grade 3

Code 4003

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)	27	63.78	10.85	.453	-.45	26	.656
SEI (Post)		64.74	10.37				
GASC (Pre)	27	16.70	7.36	.460	-.02	26	.981
GASC (Post)		16.74	7.65				
TASC (Pre)	27	15.07	7.24	.768	.15	26	.881
TASC (Post)		14.93	7.66				

Code 4000 Grade 4

Code 4004

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		58.25	14.57				
	32			.622	-.95	31	.350
SEI (Post)		60.56	16.83				
GASC (Pre)		22.25	5.42				
	32			.626	3.22	31	.003*
GASC (Post)		19.16	6.80				
TASC (Pre)		19.03	5.73				
	32			.280	1.93	31	.063*
TASC (Post)		16.72	5.57				

Code 3000 Grade 4

Code 3001

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		60.32	11.33				
	31			.394	-1.53	30	.136
SEI (Post)		64.06	13.21				
GASC (Pre)		19.97	7.33				
	31			.551	-.08	30	.938
GASC (Post)		20.06	7.26				
TASC (Pre)		12.23	6.32				
	31			.453	-.37	30	.714
TASC (Post)		12.68	6.67				

Code 7000 Grade 4

Code 7001

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		62.52	15.14				
	27			.784	1.95	26	.062 *
SEI (Post)		58.74	15.45				
GASC (Pre)		19.89	8.21				
	27			.636	-.12	26	.906
GASC (Post)		20.03	6.33				
TASC (Pre)		16.89	6.61				
	27			.584	-.23	26	.82
TASC (Post)		17.15	6.20				

Code 5000 Grade 4

Code 5001

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)	12	67.67	13.69	.6	-.71	11	.495
SEI (Post)		70.3[illegible]	15.37				
GASC (Pre)	12	15.92	8.75	.855	.74	11	.474
GASC (Post)		14.92	8.58				
TASC (Pre)	12	8.67	7.40	.835	-.82	11	.432
TASC (Post)		9.67	7.40				

Code 4000 Grade 5

Code 4005

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		64.26	14.41				
	31			.806	-3.66	30	.001 *
SEI (Post)		70.97	17.26				
GASC (Pre)		15.71	9.03				
	31			.636	.35	30	.726
GASC (Post)		15.23	8.79				
TASC (Pre)		11.45	6.99				
	31			.667	-.70	30	.488
TASC (Post)		12.16	6.78				

Code 5000 Grade 5

Code 5002

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		70.91	11.48				
	35			.482	.87	34	.389
SEI (Post)		69.03	13.41				
GASC (Pre)		19.86	7.50				
	35			.804	2.19	34	.036 *
GASC (Post)		18.03	8.15				
TASC (Pre)		11.26	8.33				
	35			.587	-2.08	34	.045 *
TASC (Post)		13.89	8.09				

Code 7000 Grade 5

Code 7002

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		62.32	10.53				
	25			.478	-1.93	24	.065*
SEI (Post)		66.48	10.51				
GASC (Pre)		20.48	7.57				
	25			.653	.55	24	.588
GASC (Post)		19.84	5.99				
TASC (Pre)		13.80	6.04				
	25			.573	-1.44	24	.162
TASC (Post)		15.28	4.83				

Code 1000 Grade 5

Code 1001

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		60.76	15.67				
	21			.692	.58	20	.567
SEI (Post)		59.05	18.21				
GASC (Pre)		21.90	7.40				
	21			.864	1.55	20	.138
GASC (Post)		20.62	7.19				
TASC (Pre)		17.62	7.85				
	21			.928	1.71	20	.102
TASC (Post)		15.90	7.77				

Code 7000 Grade 5

Code 7003

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		63.56	16.16				
	32			.612	-.25	31	.805
SEI (Post)		64.13	10.45				
GASC (Pre)		24.69	5.78				
	32			.465	2.31	31	.027 *
GASC (Post)		22.03	6.69				
TASC (Pre)		15.16	6.68				
	32			.457	-1.68	31	.104
TASC (Post)		17.25	6.87				

Code 1000 Grade 5

Code 1002

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)	22	57.64	11.05	.518	-.93	21	.363
SEI (Post)		60.09	13.71				
GASC (Pre)	22	24.05	[illegible].60	.724	3.49	21	.002*
GASC (Post)		20.73	6.28				
TASC (Pre)	22	16.00	6.96	.479	.03	21	.977
TASC (Post)		15.95	7.06				

42

Code 7000 Grade 5

Code 7004

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		61.15	14.22				
	26			.837	-1.65	25	.112
SEI (Post)		63.77	14.10				
GASC (Pre)		20.88	7.26				
	26			.683	-.97	25	.34
GASC (Post)		22.12	8.76				
TASC (Pre)		16.58	6.92				
	26			.74	1.61	25	.12
TASC (Post)		14.88	7.87				

Code 2000 Grade 5

Code 2001

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)	29	59.72	15.30	.822	-.87	28	.391
SEI (Post)		61.24	16.05				
GASC (Pre)	29	20.28	6.91	.708	1.17	28	.251
GASC (Post)		19.03	7.85				
TASC (Pre)	29	13.45	8.13	.681	-.27	28	.786
TASC (Post)		13.76	6.87				

Code 4000 Grade 6

Code 4006

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		74.39	14.53				
	36			.745	-.96	35	.342
SEI (Post)		76.17	16.17				
GASC (Pre)		19.33	7.59				
	36			.754	2.96	35	.006*
GASC (Post)		16.61	8.10				
TASC (Pre)		11.03	6.47				
	36			.566	.67	35	.506
TASC (Post)		10.36	6.32				

Code 6000 Grade 6

Code 6004

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)	31	60.77	14.17	.648	1.05	30	.301
SEI (Post)		58.58	13.45				
GASC (Pre)	28	22.89	5.69	.64	.19	27	.851
GASC (Post)		22.71	6.05				
TASC (Pre)	31	18.45	6.58	.776	-1.07	30	.292
TASC (Post)		19.29	6.44				

Code 7000 Grade 6

Code 7005

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		64.96	12.38				
	27			.631	.83	26	.412
SEI (Post)		63.11	14.21				
GASC (Pre)		19.56	6.8				
	27			.812	.1	26	.925
GASC (Post)		19.48	6.24				
TASC (Pre)		14.96	6.98				
	27			.64	-.09	26	.926
TASC (Post)		15.07	7.51				

Code 1000 Grade 6

Code 1003

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		53.93	15.01				
	28			.759	-1.68	27	.105
SEI (Post)		57.39	16.29				
GASC (Pre)		20.13	5.22				
	24			.805	1.98	23	.060 *
GASC (Post)		18.75	5.61				
TASC (Pre)		15.00	5.85				
	23			.706	1.00	22	.329
TASC (Post)		14.09	5.59				

Code 7000 Grade 6

Code 7006

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		61.31	13.61				
	32			.642	-2.05	31	.049 *
SEI (Post)		65.63	14.46				
GASC (Pre)		21.66	6.8				
	32			.615	1.99	31	.055 *
GASC (Post)		19.31	8.13				
TASC (Pre)		16.81	6.82				
	32			.636	.39	31	.702
TASC (Post)		16.41	7.12				

Code 1000 Grade 6

Code 1004

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		59.41	12.92				
	22			.315	.18	21	.86
SEI (Post)		58.82	13.59				
GASC (Pre)		20.00	5.62				
	22			.568	1.40	21	.176
GASC (Post)		18.23	6.91				
TASC (Pre)		13.86	5.98				
	22			.095	1.05	21	.306
TASC (Post)		12.14	5.49				

Code 7000 Grade 6

Code 7007

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		64.46	15.51				
	26			.683	-1.76	25	.09 *
SEI (Post)		68.54	13.93				
GASC (Pre)		20.58	8.39				
	26			.759	-.71	25	.484
GASC (Post)		21.35	7.12				
TASC (Pre)		16.58	6.66				
	26			.393	-1.5	25	.147
TASC (Post)		18.73	6.64				

Code 5000 Grade 6

Code 5003

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		61.60	16.58				
	20			.611	-.49	19	.633
SEI (Post)		63.10	14.42				
GASC (Pre)		20.45	4.67				
	20			.719	.30	19	.768
GASC (Post)		20.10	7.45				
TASC (Pre)		12.95	7.32				
	20			.84	-2.31	19	.032*
TASC (Post)		15.20	7.94				

Code 4000 Grade 7

Code 4007

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		68.94	11.99				
	32			.596	1.00	31	.324
SEI (Post)		66.75	14.88				
GASC (Pre)		16.25	6.46				
	32			.786	3.95	31	.000*
GASC (Post)		13.31	6.42				
TASC (Pre)		11.68	7.05				
	31			.859	.94	30	.355
TASC (Post)		11.03	7.34				

Code 3000 Grade 7

Code 3002

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		59.86	14.29				
	28			.495	.77	27	.451
SEI (Post)		57.79	14.22				
GASC (Pre)		20.68	7.44				
	28			.755	.07	27	.944
GASC (Post)		20.61	7.81				
TASC (Pre)		17.18	5.38				
	28			.637	1.04	27	.309
TASC (Post)		16.14	6.70				

Code 7000 Grade 7

Code 7008

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		61.57	13.86				
	28			.661	-.13	27	.897
SEI (Post)		61.86	14.15				
GASC (Pre)		20.21	6.67				
	28			.864	1.07	27	.294
GASC (Post)		19.25	9.14				
TASC (Pre)		16.16	5.98				
	28			.563	.15	27	.881
TASC (Post)		16.00	7.19				

Code 5000 Grade 7

Code 5004

	N (pairs)	Mean	Standard Deviation	2-Tail Correlation	T Value	D.F.	2-Tail Probability
SEI (Pre)		65.69	17.53				
	26			.723	-.73	25	.473
SEI (Post)		67.62	18.54				
GASC (Pre)		15.48	5.89				
	25			.748	.87	24	.392
GASC (Post)		14.60	7.59				
TASC (Pre)		9.67	5.80				
	24			.053	-1.07	23	.296
TASC (Post)		11.50	6.39				

APPENDIX D

METROPOLITAN ACHIEVEMENT TEST

GRADE 1

ANALYSIS OF COVARIANCE

SOURCE	DF	SS	MS	F
TREATMENT	1 (K-1)	$SS_P = 2,819.1697$	$MS_P = SS_P$ 2,819.1697	$F_{1,N-3} = \frac{MS_P}{MS_R}$ F = 14.3024
RESIDUAL	57 (N-3)	$SS_R = 11,235.3754$	$MS_R = \frac{SS_R}{N-3}$ 197.1118	
TOTAL	59 (N-1)	$SS_T = 54,368.1833$		SIG. => .01

METROPOLITAN ACHIEVEMENT TEST

GRADE 2

ANALYSIS OF COVARIANCE

SOURCE	DF	SS	MS	F
TREATMENT	1 (K-1)	$SS_P = 647.6039$	$MS_P = SS_P$ 647.6039	$F_{1,(N-3)} = \frac{MS_P}{MS_R}$ F = 2.5953
RESIDUAL	47 (N-3)	$SS_R = 11,728.0012$	$MS_R = \frac{SS_R}{N-3}$ 249.5319	
TOTAL	49 (N-1)	$SS_T = 89,270.5$		NOT SIG.

Metropolitan Achievement Test

Grade 3

Analysis of Covariance

Source	DF	SS	MS	F
Treatment	1 (K-1)	$SS_P = 941.9148$	$MS_P = SS_P$ 941.9148	$F_{1,(N-3)} = \frac{MS_P}{MS_R}$
Residual	60 (N-3)	$SS_R = 4534.3720$	$MS_R = \frac{SS_R}{N-3}$ 75.5729	
Total	62 (N-1)	$SS_T = 69,524.6973$	60	SIG. => .01

APPENDIX E

ERRATA SHEET - APPENDIX E

TAGE=TDPO-DOBP : This formula was supposed to calculate age at date of test. The evaluator did notuse the proper formula. The TAGE data is therefor invalid and should be disregarded. No use was made of this variable in the analysis.

LRAT+CMPO/(YSIS+.8) : This formula was to caluclate a learning rate for students. The accuracy depends on what each student codes in on the answer sheet. On examination of the data, the evaluator found some impossible numbers for the years in schoolbased on the student's grade level. No use was made of this variable in the analysis.

```
RUN NAME        ANALYSIS FOR PLAN* VS CONTROL - SCHOOL YEAR 1972 - 1973
FILE NAME       PLANDATA AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
VARIABLE LIST   SEPR,GAPR,TAPR,CMPR,RVPR,GVPR,PVPR,RRPR,GRPR,PRPR,RL1R,GL1R,PL1R,
                RL2R,GL2R,PL2R,RL3R,GL3R,PL3R,RL4R,GL4R,PL4R,RA1R,GA1R,PA1R,RA2R,
                GA2R,PA2R,DIST,SCHL,ROOM,GRAD,EONO,NAM1,NAM2,NAM3,NAM4,NAM5,
                SEPO,GAPO,TAPO,SEX,DOBP,
                TOPO,IQLT,YSIS,TCH1,TCH2,TCH3,
                                        CMPO,RVPO,GVPO,PVPO,RRPO,GRPO,PRPO,RL1O,GL1O,
                PL1O,RL2O,GL2O,PL2O,RL3O,GL3O,PL3O,RL4O,GL4O,PL4O,RA1O,GA1O,PA1O,
                RA2O,GA2O,PA2O
SUBFILE LIST    DMY1,CB01,CB02,CB03,CB04,DMY2,EK01,DMY3,HZ01,HZ02,DMY4,SC04,SC05,
                DMY5,SC06,DMY6,SC07,ST01,ST02,ST03,ST04,WP04,WM01,WM02,WM03,WM04,
                WM05,WM06,WM07,WM08
INPUT MEDIUM    TAPE
INPUT FORMAT    FIXED (47X,3F2.0,34X,1F3.1,1F2.0,1F3.1,2F2.0,1F3.1,2F2.0,1F3.1,
                2F2.0,1F3.1,2F2.0,1F3.1,2F2.0,1F3.1,1F2.0,21X,1F2.0,1F3.1,2F2.0,
                1F3.1,1F2.0,3X/1F1.0,1F4.0,1X,1F4.0,1F1.0,10X,1F6.0,5A4,3F2.0,
                1F1.0,2X,1F4.0,2X,1F4.0,1F3.0,1F2.0,2X,2A4,1A3,3X,1F3.1,1F2.0,
                1F3.1,
                2F2.0,1F3.1,2F2.0,1F3.1,2F2.0,1F3.1,2F2.0,1F3.1,2F2.0,1F3.1,
                2F2.0,1F3.1,2F2.0,1F3.1,2F2.0,1F3.1,2F2.0,1F3.1,2F2.0,1F3.1,
                1F2.0,21X,1F2.0,1F3.1,2F2.0,1F3.1,1F2.0,3X)

IGNORING INDEFINITE REPETITION, THE INPUT FORMAT PROVIDES FOR  89 VARIABLES.   74 WILL BE READ.
IT PROVIDES FOR  2 RECORDS ('CARDS') PER CASE.  A MAXIMUM OF  205 'COLUMNS' ARE USED ON A RECORD.

# OF CASES       3, 15, 24, 20, 19,  4, 30,  1, 28, 29,  4, 36, 29,  1, 30,  1,
                21, 21, 20, 30,  6, 29, 30, 22, 25, 22, 19, 29, 21, 21
COMPUTE         TRSR=RVPR+RRPR+RL1R+RL2R+RL3R+RL4R+RA1R+RA2R
COMPUTE         TRSO=RVPO+RRPO+RL1O+RL2O+RL3O+RL4O+RA1O+RA2O
COMPUTE         GIES=TRSO-TRSR
COMPUTE         SPIG=SEPO-SEPR
COMPUTE         GASG=GAPR-GAPO
COMPUTE         TASG=TAPR-TAPO
COMPUTE         TAGE=TOPO-DOBP
COMPUTE         LRAT=CMPO/(YSIS+.6)
IF              (SCHL EQ 6700 OR SCHL EQ 7660) TRET=0
IF              (SCHL NE 6700 AND SCHL NE 7660) TRET=1
VAR LABELS      SEPR,SELF ESTEEM INVENTORY-PRETEST/
                GAPR,GENERAL ANXIETY SCALE-PRETEST/
                TAPR,TEST ANXIETY SCALE-PRETEST/
                CMPR,COMPOSITE GRADE EQUIV.-PRETEST/
                RVPR,VOCABULARY RAWSCORE-PRETEST/
                GVPR,VOCABULARY GRADE EQUIV.-PRETEST/
                PVPR,VOCABULARY PERCENTILE-PRETEST/
                RRPR,READING RAWSCORE-PRETEST/
                GRPR,READING GRADE EQUIV.-PRETEST/
                PRPR,READING PERCENTILE-PRETEST/
                RL1R,LANGUAGE-1 RAWSCORE-PRETEST/
                GL1R,LANGUAGE-1 GRADE EQUIV.-PRETEST/
                PL1R,LANGUAGE-1 PERCENTILE-PRETEST/
                RL2R,LANGUAGE-2 RAWSCORE-PRETEST/
                GL2R,LANGUAGE-2 GRADE EQUIV.-PRETEST/
                PL2R,LANGUAGE-2 PERCENTILE-PRETEST/
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RL3R,LANGUAGE-3 RAWSCORE-PRETEST/
GL3R,LANGUAGE-3 GRADE EQUIV.-PRETEST/
PL3R,LANGUAGE-3 PERCENTILE-PRETEST/
RL4R,LANGUAGE-4 RAWSCORE-PRETEST/
GL4R,LANGUAGE-4 GRADE EQUIV.-PRETEST/
PL4R,LANGUAGE-4 PERCENTILE-PRETEST/
RA1R,ARITHMETIC-1 RAWSCORE-PRETEST/
GA1R,ARITHMETIC-1 GRADE EQUIV.-PRETEST/
PA1R,ARITHMETIC-1 PERCENTILE-PRETEST/
RA2R,ARITHMETIC-2 RAWSCORE-PRETEST/
GA2R,ARITHMETIC-2 GRADE EQUIV.-PRETEST/
PA2R,ARITHMETIC-2 PERCENTILE-PRETEST/
DIST,SCHOOL DISTRICT-SLPS/
SCHL,ELEMENTARY SCHOOL CODE/
ROOM,ROOM NO./
GRAD,GRADE/
EDNO,STUDENT NUMBER-SLPS/
NAM1,STUDENT NAME/
NAM2,STUDENT NAME/
NAM3,STUDENT NAME/
NAM4,STUDENT NAME/
NAM5,STUDENT NAME/
SEPO,SELF ESTEEM INVENTORY-POST TEST/
GAPO,GENERAL ANXIETY SCALE-POST TEST/
TAPO,TEST ANXIETY SCALE-POST TEST/
SEX,SEX OF STUDENT/
DOBP,STUDENT BIRTHDATE/
TDPO,DATE OF POST TEST
ILLT,LORGE-THORNDIKE-VERBAL I.Q./
YSIS,YEARS ATTENDING SLPS/
TCH1,TEACHER NAME/
TCH2,TEACHER NAME/
TCH3,TEACHER NAME/
CMPO,COMPOSITE GRADE EQUIV.-POST TEST/
RVPO,VOCABULARY RAWSCORE-POST TEST/
GVPO,VOCABULARY GRADE EQUIV.-POST TEST/
PVPO,VOCABULARY PERCENTILE-POST TEST/
RRPO,READING RAWSCORE-POST TEST/
GRPO,READING GRADE EQUIV.-POST TEST/
PRPO,READING PERCENTILE-POST TEST/
RL1O,LANGUAGE-1 RAWSCORE-POST TEST/
GL1O,LANGUAGE-1 GRADE EQUIV. POST TEST/
PL1O,LANGUAGE-1 PERCENTILE-POST TEST/
RL2O,LANGUAGE-2 RAWSCORE-POST TEST/
GL2O,LANGUAGE-2 GRADE EQUIV. POST TEST/
PL2O,LANGUAGE-2 PERCENTILE-POST TEST/
RL3O,LANGUAGE-3 RAWSCORE-POST TEST/
GL3O,LANGUAGE-3 GRADE EQUIV. POST TEST/
PL3O,LANGUAGE-3 PERCENTILE-POST TEST/
RL4O,LANGUAGE-4 RAWSCORE-POST TEST/
GL4O,LANGUAGE-4 GRADE EQUIV. POST TEST/
PL4O,LANGUAGE-4 PERCENTILE-POST TEST/
RA1O,ARITHMETIC-1 RAWSCORE POST TEST/
GA1O,ARITHMETIC-1 GRADE EQUIV. POST TEST/
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                 PA1O,ARITHMETIC-1 PERCENTILE-POST TEST/
                 RA2O,ARITHMETIC-2 RAWSCORE POST TEST/
                 GA2O,ARITHMETIC-2 GRADE EQUIV. POST TEST/
                 PA2O,ARITHMETIC-2 PERCENTILE-POST TEST/
                 TRSR,TOTAL RAWSCORE-PRETEST/
                 TRSO,TOTAL RAWSCORE-POST TEST/
                 GIBS,GAIN-IOWA TEST OF BASIC SKILLS/
                 SEIG,GAIN-SELF ESTEEM INVENTORY/
                 GASG,DECREASE IN GENERAL: GAIN-GASC/
                 TASG,DECREASE IN TEST ANXIETY: GAIN-TASC/
                 TAGE,AGE AT TIME OF POST TEST/
                 LRAT,LEARNING RATE/
                 TRET,EXPERIMENTAL TREATMENT
VALUE LABELS     TRET (0) PLAN*  (1) CONTROL/DIST (2)BEAUMONT SUMNER (5)NORTHWST S
                 OLDAN/SEX (0)  MALE  (1) FEMALE
DOCUMENT         PLANDATA FILE INPUT TAPE IS NUMBER TIS70250.T01 GENERATED AT SLPS
                 DATA PROCESSING FACILITY BY BELINDA TEPPER. DATA SOURCES WERE:
                 1) THOIS IBS SYSTEM SLPS  2) PRINTOUTS SUPPLIED BY OUTSIDE
                 CONSULTANT DR. MARVIN J. POWELL OF FOUNDATION FOR INDIVIDUALIZED
                 EVALUATION AND RESEARCH (FIER) 900 CRANE DRIVE, DE KALB ILLINOIS
                 ZIP-60115; TELEPHONE (815) 758-0167.
MISSING VALUES   SEPR TO LRAT (0)/
PRINT FORMATS    SEPR,GAPR,TAPR,RVPR,PVPR,RRPR,PRPR,RL1R,PL1R,RL2R,PL2R,RL3R,PL3R,
                 RL4R,PL4R,RA1R,PA1R,RA2R,PA2R,DIST,SCHL,ROOM,GRAD,EGRD,SEPO,GAPO,
                 TAPO,SEX,DOBP,TOPO,IQLT,YSIS,RVPO,PVPO,RRPO,PRPO,RL1O,PL1O,RL2O,
                 PL2O,RL3O,PL3O,RL4O,PL4O,RA1O,PA1O,RA2O,PA2O,TRSR,TRSO,GIBS,SEIG,
                 GASG,TASG,TAGE,TRET (0)/CMPR,GVPR,GRPR,GL1R,GL2R,GL3R,GL4R,GA1R,
                 GA2R,CMPO,GVPO,GRPO,GL1O,GL2O,GL3O,GL4O,GA1O,
                 GA2O (1)/NAM1,NAM2,NAM3,NAM4,NAM5,TCH1,TCH2,TCH3 (A)/LRAT (2)
DUMP             VARLIST, VARINFO, LABELS
```

LIST OF THE 86 VARIABLES IN THE FILE..

SCENUM	SUBFIL	CASWGT	SEPR	GAPR	TAPR	CMPR	RVPR	GVPR	PVPR
RRPR	GRPR	PRPR	RL1R	GL1R	PL1R	RL2R	GL2R	PL2R	RL3R
GL3R	PL3R	RL4R	GL4R	PL4R	RA1R	GA1R	PA1R	RA2R	GA2R
PA2R	DIST	SCHL	ROOM	GRAD	EUNO	NAM1	NAM2	NAM3	NAM4
NAM5	SEPO	GAPO	TAPO	SEX	COOP	TOPO	IGLT	YSIS	TCH1
TCH2	TCHS	CMPO	RVPO	GVPO	PVPO	RRPO	GRPO	PRPO	RL1O
GL1O	PL1O	RL2O	GL2O	PL2O	RL3O	GL3O	PL3O	RL4O	GL4O
PL4O	RA1O	GA1O	PA1O	RA2O	GA2O	PA2O	TRSR	TRSO	GISS
SEIS	GASG	TASG	TAGE	LRAT	TRET				

VARIABLE	FORMAT	PERM	MISSING VALUES
SEQNUM	0	T	
SUBFIL	A	T	
CASHDT	4	T	
SEPR	0	T	0.
GAPR	0	T	0.
TAPR	0	T	0.
CMPR	1	T	0.0
RVPR	0	T	0.
GVPR	1	T	0.0
PVPR	0	T	0.
RRPR	0	T	0.
GRPR	1	T	0.0
PRPR	0	T	0.
RL1R	0	T	0.
GL1R	1	T	0.0
PL1R	0	T	0.
RL2R	0	T	0.
GL2R	1	T	0.0
PL2R	0	T	0.
RL3R	0	T	0.
GL3R	1	T	0.0
PL3R	0	T	0.
RL4R	0	T	0.
GL4R	1	T	0.0
PL4R	0	T	0.
RAIR	0	T	0.

VARIABLE	FORMAT	PERM	MISSING VALUES
GAIR	1	T	0.0
PAIR	0	T	0.
NAZR	0	T	0.
GAZR	1	T	0.0
PAZR	0	T	0.
DIST	0	T	0.
SCHL	0	T	0.
ROOM	0	T	0.
GRAD	0	T	0.
ECNO	0	T	0.
NAM1	A	T	
NAM2	A	T	
NAM3	A	T	
NAM4	A	T	
NAM5	A	T	
SEPD	0	T	0.
GAPD	0	T	0.
TAPD	0	T	0.
SEX	0	T	0.
OCUP	0	T	0.
TOPD	0	T	0.
ICLT	0	T	0.
YSIS	0	T	0.
TCH1	A	T	
TCH2	A	T	
TCH3	A	T	

VARIABLE	FORMAT	PERM	MISSING VALUES
CRP0	1	T	0.0
RVP0	0	T	0.
GVP0	1	T	0.0
PVP0	0	T	0.
RRP0	0	T	0.
GRP0	1	T	0.0
PRP0	0	T	0.
RL10	0	T	0.
GL10	1	T	0.0
PL10	0	T	0.
RL20	0	T	0.
GL20	1	T	0.0
PL20	0	T	0.
RL30	0	T	0.
GL30	1	T	0.0
PL30	0	T	0.
RL40	0	T	0.
GL40	1	T	0.0
PL40	0	T	0.
RA10	0	T	0.
GA10	1	T	0.0
PA10	0	T	0.
RA20	0	T	0.
GA20	1	T	0.0
PA20	0	T	0.
TASK	0	T	0.

VARIABLE	FORMAT	PERM	MISSING VALUES
TASD	0	T	0.
GIES	0	T	0.
SEIS	0	T	0.
GASG	0	T	0.
TASG	0	T	0.
TACE	0	T	0.
LRAT	2	T	0.0
TRET	0	T	

DUMP OF LABEL INFORMATION..

VARIABLE LABEL FOR SEPR		SELF ESTEEM INVENTORY-PRETEST
VARIABLE LABEL FOR GAPR		GENERAL ANXIETY SCALE-PRETEST
VARIABLE LABEL FOR TAPR		TEST ANXIETY SCALE-PRETEST
VARIABLE LABEL FOR CMPR		COMPOSITE GRADE EQUIV.-PRETEST
VARIABLE LABEL FOR RVPR		VOCABULARY RAWSCORE-PRETEST
VARIABLE LABEL FOR GVPR		VOCABULARY GRADE EQUIV.-PRETEST
VARIABLE LABEL FOR PVPR		VOCABULARY PERCENTILE-PRETEST
VARIABLE LABEL FOR RRPR		READING RAWSCORE-PRETEST
VARIABLE LABEL FOR GRPR		READING GRADE EQUIV.-PRETEST
VARIABLE LABEL FOR PRPR		READING PERCENTILE-PRETEST
VARIABLE LABEL FOR RL1R		LANGUAGE-1 RAWSCORE-PRETEST
VARIABLE LABEL FOR GL1R		LANGUAGE-1 GRADE EQUIV.-PRETEST
VARIABLE LABEL FOR PL1R		LANGUAGE-1 PERCENTILE-PRETEST
VARIABLE LABEL FOR RL2R		LANGUAGE-2 RAWSCORE-PRETEST
VARIABLE LABEL FOR GL2R		LANGUAGE-2 GRADE EQUIV.-PRETEST
VARIABLE LABEL FOR PL2R		LANGUAGE-2 PERCENTILE-PRETEST
VARIABLE LABEL FOR RL3R		LANGUAGE-3 RAWSCORE-PRETEST
VARIABLE LABEL FOR GL3R		LANGUAGE-3 GRADE EQUIV.-PRETEST
VARIABLE LABEL FOR PL3R		LANGUAGE-3 PERCENTILE-PRETEST
VARIABLE LABEL FOR RL4R		LANGUAGE-4 RAWSCORE-PRETEST
VARIABLE LABEL FOR GL4R		LANGUAGE-4 GRADE EQUIV.-PRETEST
VARIABLE LABEL FOR PL4R		LANGUAGE-4 PERCENTILE-PRETEST
VARIABLE LABEL FOR RA1R		ARITHMETIC-1 RAWSCORE-PRETEST
VARIABLE LABEL FOR GA1R		ARITHMETIC-1 GRADE EQUIV.-PRETEST
VARIABLE LABEL FOR PA1R		ARITHMETIC-1 PERCENTILE-PRETEST
VARIABLE LABEL FOR RA2R		ARITHMETIC-2 RAWSCORE-PRETEST
VARIABLE LABEL FOR GA2R		ARITHMETIC-2 GRADE EQUIV.-PRETEST
VARIABLE LABEL FOR PA2R		ARITHMETIC-2 PERCENTILE-PRETEST
VARIABLE LABEL FOR DIST		SCHOOL DISTRICT-SLPS
VALUE LABEL FOR DIST	2.	BEAUMONT SUMNER
VALUE LABEL FOR DIST	5.	NORTHWST SOLDAN
VARIABLE LABEL FOR SCHL		ELEMENTARY SCHOOL CODE
VARIABLE LABEL FOR ROOM		ROOM NO.
VARIABLE LABEL FOR GRAD		GRADE
VARIABLE LABEL FOR ECNJ		STUDENT NUMBER-SLPS
VARIABLE LABEL FOR NAM1		STUDENT NAME
VARIABLE LABEL FOR NAM2		STUDENT NAME
VARIABLE LABEL FOR NAM3		STUDENT NAME
VARIABLE LABEL FOR NAM4		STUDENT NAME
VARIABLE LABEL FOR NAM5		STUDENT NAME
VARIABLE LABEL FOR SEPO		SELF ESTEEM INVENTORY-POST TEST
VARIABLE LABEL FOR GAPO		GENERAL ANXIETY SCALE-POST TEST
VARIABLE LABEL FOR TAPO		TEST ANXIETY SCALE-POST TEST
VARIABLE LABEL FOR SEX		SEX OF STUDENT
VALUE LABEL FOR SEX	0.	MALE
VALUE LABEL FOR SEX	1.	FEMALE
VARIABLE LABEL FOR DOBP		STUDENT BIRTHDATE
VARIABLE LABEL FOR TOPO		DATE OF POST TEST
VARIABLE LABEL FOR YSIS		YEARS ATTENDING SLPS
VARIABLE LABEL FOR TCH1		TEACHER NAME
VARIABLE LABEL FOR TCH2		TEACHER NAME

VARIABLE LABEL FOR [illegible]		TEACHER NAME
VARIABLE LABEL FOR [illegible]		COMPOSITE GRADE EQUIV.-POST TEST
VARIABLE LABEL FOR [illegible]		VOCABULARY RAWSCORE-POST TEST
VARIABLE LABEL FOR [illegible]		VOCABULARY GRADE EQUIV.-POST TEST
VARIABLE LABEL FOR PVPO		VOCABULARY PERCENTILE-POST TEST
VARIABLE LABEL FOR RRPO		READING RAWSCORE-POST TEST
VARIABLE LABEL FOR [illegible]		READING GRADE EQUIV.-POST TEST
VARIABLE LABEL FOR [illegible]		READING PERCENTILE-POST TEST
VARIABLE LABEL FOR [illegible]		LANGUAGE-1 RAWSCORE-POST TEST
VARIABLE LABEL FOR [illegible]		LANGUAGE-1 GRADE EQUIV. POST TEST
VARIABLE LABEL FOR [illegible]		LANGUAGE-1 PERCENTILE-POST TEST
VARIABLE LABEL FOR [illegible]		LANGUAGE-2 RAWSCORE-POST TEST
VARIABLE LABEL FOR [illegible]		LANGUAGE-2 GRADE EQUIV. POST TEST
VARIABLE LABEL FOR [illegible]		LANGUAGE-2 PERCENTILE-POST TEST
VARIABLE LABEL FOR [illegible]		LANGUAGE-3 RAWSCORE-POST TEST
VARIABLE LABEL FOR [illegible]		LANGUAGE-3 GRADE EQUIV. POST TEST
VARIABLE LABEL FOR [illegible]		LANGUAGE-3 PERCENTILE-POST TEST
VARIABLE LABEL FOR [illegible]		LANGUAGE-4 RAWSCORE-POST TEST
VARIABLE LABEL FOR [illegible]		LANGUAGE-4 GRADE EQUIV. POST TEST
VARIABLE LABEL FOR [illegible]		LANGUAGE-4 PERCENTILE-POST TEST
VARIABLE LABEL FOR [illegible]		ARITHMETIC-1 RAWSCORE POST TEST
VARIABLE LABEL FOR [illegible]		ARITHMETIC-1 GRADE EQUIV. POST TEST
VARIABLE LABEL FOR [illegible]		ARITHMETIC-1 PERCENTILE-POST TEST
VARIABLE LABEL FOR [illegible]		ARITHMETIC-2 RAWSCORE POST TEST
VARIABLE LABEL FOR [illegible]		ARITHMETIC-2 GRADE EQUIV. POST TEST
VARIABLE LABEL FOR [illegible]		ARITHMETIC-2 PERCENTILE-POST TEST
VARIABLE LABEL FOR [illegible]		TOTAL RAWSCORE-PRETEST
VARIABLE LABEL FOR [illegible]		TOTAL RAWSCORE-POST TEST
VARIABLE LABEL FOR [illegible]		GAIN-IOWA TEST OF BASIC SKILLS
VARIABLE LABEL FOR [illegible]		GAIN-SELF ESTEEM INVENTORY
VARIABLE LABEL FOR [illegible]		DECREASE IN GENERALE GAIN-GASC
VARIABLE LABEL FOR [illegible]		DECREASE IN TEST ANXIETY GAIN-TASC
VARIABLE LABEL FOR [illegible]		AGE AT TIME OF POST TEST
VARIABLE LABEL FOR [illegible]		LEARNING RATE
VARIABLE LABEL FOR TRET		EXPERIMENTAL TREATMENT
VALUE LABEL FOR TRET	0.	PLAN*
VALUE LABEL FOR TRET	1.	CONTROL

```
COMMENT          THE FOLLOWING REPORT WILL PROVIDE THE BASIC DATA FOR USE IN THE
                 EVALUATION OF PROJECT PLAN* AS COMPARED TO APPROPRIATE CONTROL
                 CLASSROOMS IN GRADES 4 THROUGH 7. THE IOWA TEST OF BASIC SKILLS
                 IS THE INSTRUMENT USED TO MEASURE ACHIEVEMENT. THE SELF ESTEEM
                 INVENTORY, GENERAL ANXIETY SCALE AND TEST ANXIETY SCALE ARE THE
                 INSTRUMENTS ADMINISTERED TO DETERMINE THE PROGRAM'S EFFECTIVENESS
                 IN THE AFFECTIVE DOMAIN.
PROCESS SSFILES(HZ02,SC07,ST04,WM04)(CB03,CB04,EM03,SC05,ST03,WM01,WM02,WM03)
                (CB01,CB02,SC04,ST02,WP04,WM05,WM06,WM07)(HZ01,SC06,ST01,WM08)
PEARSON CORR     TRSK,TRSU,GIBS,SEPR,SEPO,SEIG,GAPO,GAPR,GASG,TAPU,TAPR,TASG,TAGE
                 WITH TRET
OPTIONS          2,3,4
STATISTICS       1,2
READ INPUT DATA
```

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLFS BY PATT PATTERSON
SUBFILE N102 SC07 ST04 WA04

VARIABLE	CASES	MEAN	STD DEV
TASR	58	114.3443	39.2351
TASC	58	103.5690	34.3134
GIBS	58	-10.7759	29.1255
SEPR	58	62.4138	14.7483
SEFU	58	62.3103	15.7517
SEIG	58	-0.1034	13.7671
GAFU	58	15.9026	7.1620
GAPR	58	19.8448	7.6081
GASG	58	0.8621	6.5638
TAFU	58	14.7414	6.3456
TAPR	58	15.2241	7.0538
TASG	58	0.4828	6.7959
TASS	58	-42.9483	380.7612
TAET	58	0.4138	3.4568

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H202 SC07 ST04 WA04

VARIABLES		CASES	CROSS-PROD DEV	VARIANCE-COVAR	VARIABLES		CASES	CROSS-PROD DEV	VARIANCE-COVAR
TRSA	TRET	58	-260.2756	-4.5662	TRSU	TRET	58	74.3450	1.3043
SIES	TRET	58	334.8206	5.8705	SEPR	TRET	56	-13.4359	-0.2444
SEPO	TRET	58	62.5518	1.0974	SEIC	TRET	58	76.4826	1.3418
GAPO	TRET	58	-18.5662	-0.3261	GAPR	TRET	56	-18.2756	-0.3206
GASG	TRET	56	0.3103	0.0054	TAPO	TRET	58	-58.7930	-1.0315
TAPR	TRET	56	-77.3792	-1.3575	TASG	TRET	58	-18.5862	-0.3261
TAGE	TRET	58	-759.2415	-13.3200					

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M202 SC07 ST04 MM04

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VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR	
TASK	-0.2343	TKSO	0.0765	GIES	0.4057	SFPR	-0.0334	SFPO	0.1402	SEIG	0.1962
WITH	N(58)	WITH	N(58)	WITH	N(58)	WITH	N(58)	WITH	N(58)	WITH	N(58)
TRET	SIG .077	TRET	SIG .566	TRET	SIG .002	TRET	SIG .804	TRET	SIG .294	TRET	SIG .140
CAPO	-0.0924	CAPR	-0.0843	GASG	0.0017	TAPO	-0.3033	TAPR	-0.3874	TASC	-0.0966
WITH	N(58)	WITH	N(58)	WITH	N(58)	WITH	N(58)	WITH	N(58)	WITH	N(58)
TRET	SIG .496	TRET	SIG .527	TRET	SIG .990	TRET	SIG .021	TRET	SIG .003	TRET	SIG .471
TASE	-0.0704										
WITH	N(58)										
TRET	SIG .582										

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

VARIABLE	CASES	MEAN	STD DEV
TRSR	140	150.3857	42.6113
TRSU	140	126.4714	33.3054
GIBS	140	-23.9143	26.1045
SEPR	140	64.2423	14.4412
SEPU	140	65.5857	14.5187
SEIG	140	1.3429	11.6753
GAPU	140	19.2143	7.8280
GAPR	140	20.7357	7.4907
GASG	140	1.5214	6.0993
TAPU	140	14.5429	7.4195
TAPR	140	14.1143	7.3280
TASG	140	-0.4286	6.7003
TAGE	140	-201.2643	357.1135
TRET	140	0.4571	0.4999

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CGO3 CD04 EM01 SC05 ST03 WM01 WM02 WM03

VARIABLES		CASES	CROSS-PROD DEV	VARIANCE-COVAR	VARIABLES		CASES	CROSS-PROD DEV	VARIANCE-COVAR
TRSR	TRET	140	48.3164	0.3476	TRSO	TRET	140	158.8320	1.1427
GIES	TRET	140	110.5142	0.7951	SEPK	TRET	140	100.4609	0.7227
SEPU	TRET	140	-85.4644	-0.6150	SEIG	TRET	140	[illegible].9429	-1.3377
GAPD	TRET	140	-71.7141	-0.5159	GAPR	TRET	140	-32.0057	-0.2306
GASG	TRET	140	39.6286	0.2851	TAPO	TRET	140	-70.7427	-0.5089
TAPR	TRET	140	-53.3142	-0.3836	TASG	TRET	140	17.4286	0.1254
TAGE	TRET	140	-3958.0859	-28.4754					

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EX01 SC05 ST03 WM01 WM02 WM03

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VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR	
TRSR WITH TRET	0.0163 N(140) SIG .848	TRSO WITH TRET	0.0666 N(140) SIG .420	GIBS WITH TRET	0.0609 N(140) SIG .475	SEPR WITH TRET	0.1001 N(140) SIG .239	SEPO WITH TRET	-0.0847 N(140) SIG .320	SEIG WITH TRET	-0.2292 N(140) SIG .006
GAPO WITH TRET	-0.1318 N(140) SIG .121	GAPR WITH TRET	-0.0616 N(140) SIG .469	GASG WITH TRET	0.0935 N(140) SIG .272	TAPO WITH TRET	-0.1359 N(140) SIG .109	TAPR WITH TRET	-0.1047 N(140) SIG .218	TASG WITH TRET	0.0374 N(140) SIG .661
TAGE WITH TRET	-0.1595 N(140) SIG .060										

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CE01 CE02 SC04 ST02 WP04 WM05 · WM06 WM07

VARIABLE	CASES	MEAN	STD DEV
TASR	127	175.0083	60.0072
TASU	127	151.6429	41.9718
GIES	127	-44.0157	56.5091
SEPR	127	62.7244	15.6599
SEPO	127	65.9921	15.7593
SEIG	127	3.2677	12.9434
GAPO	127	19.1575	7.6727
GAPR	127	20.0063	6.2044
GASG	127	1.4488	5.5833
TAPO	127	14.3701	6.6866
TAPR	127	13.9764	6.5377
TASG	127	-0.3937	5.9042
TAGE	127	-152.6220	326.6106
TRET	127	0.4173	0.4951

ANALYSIS FOR PLAN* VS CONTROL - SCHOOL YEAR 1972 - 1973 09/20/73 PAGE 19

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CSC2 SC04 ST02 WP04 WM05 WM06 WM07

VARIABLES		CASES	CROSS-PROD DEV	VARIANCE-COVAR	VARIABLES		CASES	CROSS-PROD DEV	VARIANCE-COVAR
TRSR	TRET	127	-1298.4844	-10.3054	TRSD	TRET	127	-158.6523	-1.2591
GISS	TRET	127	1139.8345	9.0465	SEPR	TRET	127	-166.3936	-1.3206
SEPD	TRET	127	-218.5525	-1.7345	SEIG	TRET	127	-52.1890	-0.4142
GAPD	TRET	127	11.6536	0.0925	GAPR	TRET	127	-5.1336	-0.0407
GASG	TRET	127	-16.7874	-0.1332	TAPD	TRET	127	-5.6140	-0.0446
TAPR	TRET	127	-19.7476	-0.1567	TASG	TRET	127	-14.1339	-0.1122
TAGE	TRET	127	1167.9646	9.2696					

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP-4 WM05 WM06 WM07

- - - - - - - - - - - - - - - - P E A R S O N   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - - - -

VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR	
TASR WITH TRET	-0.3469 N(127) SIG .001	TASD WITH TRET	-0.0606 N(127) SIG .499	GIBS WITH TRET	0.4745 N(127) SIG .001	SEPR WITH TRET	-0.1682 N(127) SIG .059	SEPD WITH TRET	-0.2226 N(127) SIG .012	SEIG WITH TRET	-0.0646 N(127) SIG .470
GAPD WITH TRET	0.0264 N(127) SIG .768	GAPR WITH TRET	-0.0133 N(127) SIG .882	CASG WITH TRET	-0.0500 N(127) SIG .577	TAPD WITH TRET	-0.0135 N(127) SIG .881	TAPR WITH TRET	-0.0500 N(127) SIG .577	TASC WITH TRET	-0.0384 N(127) SIG .668
TASS WITH TRET	0.0573 N(127) SIG .522										

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M201 SC06 ST01 WHOE

VARIABLE	CASES	MEAN	STD DEV
TMSR	70	156.6571	40.4268
TMSG	70	127.9571	37.5367
GIBS	70	-28.9000	17.5740
SEPR	70	64.7714	15.2594
SEPO	70	64.2857	16.4019
SEIG	70	-0.4857	12.5545
GAPO	70	16.0143	8.2415
GAPR	70	15.2143	6.9510
GASG	70	1.0000	5.0430
TAPO	70	13.5857	7.3455
TAPR	70	13.9857	6.5883
TASG	70	0.4000	5.9183
TAGE	70	-127.7143	330.1673
TRET	70	0.4143	0.4962

ANALYSIS FOR PLAN* VS CONTROL - SCHOOL YEAR 1972 - 1973 09/20/73 PAGE 22

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE NLC1 SC05 STU1 RA05

VARIABLES		CASES	CROSS-PROD DEV	VARIANCE-COVAR	VARIABLES		CASES	CROSS-PROD DEV	VARIANCE-COVAR
TRSR	TRET	70	-46.8555	-0.6791	TRSU	TRET	70	-60.7571	[illegible]
GIBS	TRET	70	-13.9001	-0.2015	SEPR	TRET	70	-30.3713	-0.4402
SEPU	TRET	70	-60.2856	-0.8737	SEIG	TRET	70	-29.9143	-0.4335
GAPU	TRET	70	7.1656	0.1041	GAPR	TRET	70	-13.2141	-0.1915
GASG	TRET	70	-20.4000	-0.2957	TAPU	TRET	70	1.0144	0.0147
TAPR	TRET	70	6.4143	0.1219	TASG	TRET	70	7.4000	0.1072
TAGE	TRET	70	302.7141	4.3872					

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WH08

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VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR		VARIABLE PAIR	
TRSR WITH TRET	-0.0339 N(70) SIG .781	TRSD WITH TRET	-0.0475 N(70) SIG .696	GIES WITH TRET	-0.0231 N(70) SIG .849	SEPR WITH TRET	-0.0581 N(70) SIG .633	SEPD WITH TRET	-0.1074 N(70) SIG .376	SEIG WITH TRET	-0.0696 N(70) SIG .567
GAPD WITH TRET	0.0255 N(70) SIG .834	GAPR WITH TRET	-0.0555 N(70) SIG .648	GASG WITH TRET	-0.1182 N(70) SIG .330	TAPD WITH TRET	0.0040 N(70) SIG .974	TAPR WITH TRET	0.0373 N(70) SIG .759	TASG WITH TRET	0.0365 N(70) SIG .764
TAGE WITH TRET	0.0268 N(70) SIG .826										

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**** 69656 BYTES FROM GIVEN SPACE NOT USED FOR PEARSONS CORR ****

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PARTIAL CORR   TASO,TRET BY TASA (1)/
               SEPO,TRET BY SEPA (1)/
               SEIT,TRET BY SEPA (1)/
               LAPO,TRET BY LAPA (1)/
               GASO,TRET BY GAPA (1)/
               TAPO,TRET BY TAPA (1)/
               TASO,TRET BY TAPA (1)/
COMMENT        THE ZERO ORDER PARTIAL CORRELATIONS REPORTED HAVE THE LINEAR
               EFFECT OF THE CONTROL VARIABLES (TREATMENT,IQ AND LEARNING RATE)
               REMOVED FROM BOTH THE INDEPENDENT AND DEPENDENT VARIABLES. THESE
               ARE REPORTED ONLY AS A MATTER OF INTEREST TO THE EVALUATOR. SINCE
               MULTIPLE REGRESSION WOULD BE MORE APPROPRIATE, PARTIALLING
               THE EFFECTS OF THE COVARIATE (PRETESTS) FROM THE CONTROL
               VARIABLES (TREATMENT,IQ AND LEARNING RATE) WILL BE COMPUTED AND
               USED INSTEAD OF THE PARTIAL CORRELATIONS. USING THE PARTIAL
               CORRELATION TECHNIQUE WOULD GIVE ARTIFICIALLY INFLATED VALUES
               SINCE THERE IS A 'NATURAL' RELATIONSHIP BETWEEN PRETESTS AND
               POST TESTS USED IN THIS STUDY.
```

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 WM04

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. TRSR

VARIABLE PAIR		VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
TRSD	0.1499					
WITH	DF = 75					
TRET	SIG .001					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 WM04

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. SEPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
SEPO WITH TRET	0.2170 DF = 69 SIG .034				

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H202 SC07 ST04 WM04

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. SEPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
SEIG WITH TRET	-0.0645 DF = 67 SIG .299				

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M202 SC07 ST04 WN04

- - - - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - - - -

CONTROLLING FOR.. GAPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
GAPO WITH TRET -0.0440 DF = 69 SIG .356					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 WM04

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. GAPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
GASG WITH TRET 0.2331 DF = 71 SIG .024					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 WM04

- - - - - - - - - - - - - - P A R T I A L C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. TAFR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
TAPD WITH TRET -0.1061 DF = 68 SIG .191					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M20X SC07 ST04 WM04

- - - - - - - - - - - - - - - P A R T I A L C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - - - - -

CONTROLLING FOR.. TAPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
TASG WITH TRET 0.2374 DF = 67 SIG .025					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CS05 CE04 EM01 SC05 ST03 WM01 WM02 WM03

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. TASA

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
TREQ WITH TREY 0.1247 DF = 202 SIG .038					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. SEPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
SEPO WITH TRET -0.1668 DF = 164 SIG .005					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

- - - - - - - - - - - - - - - - P A R T I A L C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - - - - - -

CONTROLLING FOR.. SEPR

VARIABLE PAIR		VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
SEIG	-0.1550					
WITH	DF = 170					
TEST	SIG .019					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CS03 CS04 EM01 SC05 ST03 WM01 WM02 WM03

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. GAPR

VARIABLE PAIR		VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
GAPO WITH TRET	-0.0723 DF = 184 SIG .163					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CE03 CE04 EM01 SC05 ST03 WM01 WM02 WM03

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. GAPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
GASG 0.1235 WITH DF = 185 TRET SIG .047					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CS05 CU04 EM01 SC05 ST03 WM01 WM02 WM03

- - - - - - - - - - - - - - - P A R T I A L C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - - - - -

CONTROLLING FOR.. TAPR

VARIABLE PAIR		VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
TAPO WITH TRET	-0.0175 DF = 182 SIG .407					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE C003 C004 GN01 SC05 ST03 WH01 WH02 WH03

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. TAPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
TAS9 0.0520 WITH DF = 177 TAS1 SIG .243					

* VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CSC1 CS02 SC04 ST02 WP04 WM05 WM06 WM07

\- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. TRSR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
TRSD WITH TRET 0.3762 DF = 190 SIG .001					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. SEPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
SEPO WITH TRET -0.1910 DF = 176 SIG .005					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CC01 CC02 SC04 ST02 WP04 WM05 WM06 WM07

- - - - - - - - - - - - - - P A R T I A L C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. SEPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
SEIG WITH TREAT -0.1704 DF = 174 SIG .012					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 STC2 WPC4 WMO5 WMO6 WMO7

- - - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - - -

CONTROLLING FOR.. GAPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
GAPO WITH TREI 0.0728 DF = 170 SIG .171					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 KP04 WM05 WM06 WM07

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. GAPR

VARIABLE PAIR		VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
GASG WITH TRET	0.0256 DF = 165 SIG .135					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WPC4 WM05 WM06 WM07

- - - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - - -

CONTROLLING FOR.. TAPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
TAPO WITH TRET 0.0410 DF = 170 SIG .297					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - -

CONTROLLING FOR.. TAFK

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
TASS 0.0642 WITH DF = 174 TMET SIG .181					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC00 ST01 WM00

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. TRSR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
TRSD WITH TRET -0.1051 DF = 97 SIG .150					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ01 SC06 ST01 WHOE

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. SEPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
SEPO -0.0825 WITH DF = 86 TRET SIG .220					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WM08

- - - - - - - - - - - - - - - P A R T I A L C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - - - - -

CONTROLLING FOR.. SEPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
SEIG -0.2136					
WITH DF = 65					
TRET SIG .023					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ01 SC06 ST01 WM06

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. GAPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
GAPD WITH TRET 0.1137 DF = 66 SIG .146					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MZ01 SC0U ST01 WM05

- - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - -

CONTROLLING FOR.. SAPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
CASG WITH TRET 0.0293 DF = 65 SIG .394					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WH08

- - - - - - - - - - - - - - - P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S - - - - - - - - - - - - - - -

CONTROLLING FOR.. TAPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
TAPO -0.0004 WITH DF = 64 TRET SIG .499					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 RM03

---------------PARTIAL CORRELATION COEFFICIENTS---------------

CONTROLLING FOR.. TAPR

VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR	VARIABLE PAIR
TADJ 0.1052 WITH DF = 81 TAET SIG .216					

A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

```
***** 55992 BYTES FROM GIVEN SPACE NOT USED FOR PARTIAL CORR *****

REGRESSION      VARIABLES=TRSR,TRSO,GIBS,SEPR,SEPO,SEIG,GAPO,GAPR,GASG,TAPO,TAPR,
                TASG,TASL,TRET,IQLT,LRAT/
                REGRESSION=TRSO WITH TRET (2), TRSR (4)/REGRESSION=TRSO WITH TRET
                (2)/REGRESSION=GIBS WITH TRET (2), TRSR (4)/REGRESSION=GIBS WITH
                TRET (2)/REGRESSION=SEPO WITH TRET (2), SEPR (4)/REGRESSION=SEPO
                WITH TRET (2)/REGRESSION=SEIG WITH TRET (2), SEPR (4)/
                REGRESSION=SEIG WITH TRET (2)/REGRESSION=GAPO WITH TRET (2),
                GAPR (4)/REGRESSION=GAPO WITH TRET (2)/REGRESSION=GASG WITH TRET
                (2), GAPR (4)/REGRESSION=GASG WITH TRET (2)/REGRESSION=TAPO WITH
                TRET (2) TAPR (4)/REGRESSION=TAPO WITH TRET (2)/REGRESSION=TASG
                WITH TRET (2), TAPR (4)/REGRESSION=TASG WITH TRET (2)
OPTIONS         2,8
STATISTICS      1,2
```

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MZ02 SC07 ST04 WX04

VARIABLE	MEAN	STANDARD DEV	CASES
TNSR	114.7179	38.6543	78
TRSD	103.6410	35.5508	78
GIES	-11.0769	34.7565	78
SEPR	62.9263	14.3306	76
SLPO	62.3556	15.5342	72
SEIG	-3.7143	23.2000	70
GAPO	19.0833	7.0146	72
GAPR	20.1184	7.3502	76
GASG	2.0946	6.3552	74
TAPO	14.7887	6.7547	71
TAPR	14.6000	6.7567	75
TASG	3.7266	7.4424	70
TAGE	-35.4231	343.7295	78
TRET	0.4487	0.5006	78
ILLT	90.6250	9.5595	72
LRAT	0.9512	0.6541	75

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M202 SC07 ST04 WM04

CORRELATION COEFFICIENTS

A VALUE OF 99.00000 IS PRINTED
IF A COEFFICIENT CANNOT BE COMPUTED.

	TRSR	TRSU	GIBS	SEPR	SEPU	SEIG	GAPU	GAPR	GASG	TAPU	TAPR	TASG
TRSR	1.00000	0.50398	-0.53515	0.20729	-0.00986	-0.11377	0.20050	0.22110	0.00653	0.03762	-0.13217	-0.19335
TRSU	0.50398	1.00000	0.39578	0.34677	0.19121	-0.22059	-0.06700	0.17974	0.32763	-0.06871	-0.21556	-0.03103
GIBS	-0.53515	0.39578	1.00000	0.12211	0.20212	-0.10036	-0.31075	-0.06268	0.32017	-0.11152	-0.07328	0.15761
SEPR	0.20729	0.34677	0.12211	1.00000	0.62609	-0.29678	-0.28092	-0.16794	0.08033	-0.34364	-0.31207	0.03605
SEPU	-0.00986	0.19121	0.20212	0.62609	1.00000	0.51865	-0.37695	-0.28131	0.09644	-0.42978	-0.34113	0.05508
SEIG	-0.11377	-0.22059	-0.10036	-0.29678	0.51865	1.00000	-0.13968	-0.16904	-0.49776	-0.13476	-0.00891	-0.28543
GAPU	0.20050	-0.06700	-0.31075	-0.28092	-0.37695	-0.13968	1.00000	0.62058	-0.39129	0.62639	0.35972	-0.27640
GAPR	0.22110	0.17974	-0.06268	-0.16794	-0.28131	-0.16904	0.62058	1.00000	0.47594	0.44247	0.39272	0.05076
GASG	0.00653	0.32763	0.32017	0.08033	0.09644	-0.49776	-0.39129	0.47594	1.00000	-0.18287	0.02475	0.46833
TAPU	0.03762	-0.06871	-0.11152	-0.34364	-0.42978	-0.13476	0.62639	0.44247	-0.18287	1.00000	0.55172	-0.43145
TAPR	-0.13217	-0.21556	-0.07328	-0.31207	-0.34113	-0.00891	0.35972	0.39272	0.02475	0.55172	1.00000	0.45566
TASG	-0.19335	-0.03103	0.15761	0.03605	0.05508	-0.28543	-0.27640	0.05076	0.46833	-0.43145	0.45566	1.00000
TAGE	0.05970	0.05533	0.01040	0.01382	-0.09242	-0.06956	-0.03499	0.04259	0.05676	0.05501	-0.10692	-0.15793
TRET	-0.22396	0.15218	0.41029	0.02622	0.17958	-0.06741	-0.09504	-0.05083	0.17720	-0.29651	-0.39798	0.01529
IQLT	0.42629	0.54703	0.06190	0.14576	0.20517	0.07233	0.02515	0.11412	0.10605	-0.11387	-0.09533	0.02383
LRAT	-0.04694	0.05091	0.11683	0.10456	0.02155	-0.05466	-0.01759	0.12266	0.13083	0.00777	-0.07254	-0.07315

	TAGE	TRET	IQLT	LRAT
TRSR	0.05970	-0.22396	0.42629	-0.04694
TRSU	0.05533	0.15218	0.54703	0.05091
GIBS	0.01040	0.41029	0.06190	0.11683
SEPR	0.01382	0.02622	0.14576	0.10456
SEPU	-0.09242	0.17958	0.20517	0.02155
SEIG	-0.06956	-0.06741	0.07233	-0.05466
GAPU	-0.03499	-0.09504	0.02515	-0.01759
GAPR	0.04259	-0.05083	0.11412	0.12266
GASG	0.05676	0.17720	0.10605	0.13083
TAPU	0.05501	-0.29651	-0.11387	0.00777
TAPR	-0.10692	-0.39798	-0.09533	-0.07254
TASG	-0.15793	0.01529	0.02383	-0.07315
TAGE	1.00000	-0.05942	0.01164	-0.05639
TRET	-0.05942	1.00000	0.22044	-0.11454
IQLT	0.01164	0.22044	1.00000	0.08005
LRAT	-0.05639	-0.11454	0.08005	1.00000

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M202 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSO TOTAL RAWSCORE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRSR TOTAL RAWSCORE-PRETEST

MULTIPLE R	0.56398	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.31807	REGRESSION	1.	25334.36799	25334.36799	28.91[illegible]
STANDARD ERROR	29.59827	RESIDUAL	62.	54315.57205	876.05798	

———— VARIABLES IN THE EQUATION ————

VARIABLE	B	BETA	STD ERROR B	F
TRSR	0.51878	0.56398	0.09647	28.919
(CONSTANT)	44.12700			

———— VARIABLES NOT IN THE EQUATION ————

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.29687	0.34994	0.94756	8.[illegible]

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.63370	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.40145	REGRESSION	2.	31965.94216	15982.97109	20.4[illegible]
STANDARD ERROR	27.95313	RESIDUAL	61.	47664.01587	781.37731	

———— VARIABLES IN THE EQUATION ————

VARIABLE	B	BETA	STD ERROR B	F
TRSR	0.58131	0.63195	0.09360	38.575
TRET	21.08607	0.29687	7.22731	8.513
(CONSTANT)	27.49260			

———— VARIABLES NOT IN THE EQUATION ————

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H202 SC07 ST04 WM04

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSO TOTAL RAWSCORE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRSR	TOTAL RAWSCORE-PRETEST	0.56396	0.31807	0.31807	0.56398	0.58131	0.63195
TRET	EXPERIMENTAL TREATMENT	0.63370	0.40158	0.08351	0.15218	21.08667	0.29687
(CONSTANT)						27.49200	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSU TOTAL RAWSCORE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.15218	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.02316	REGRESSION	1.	1844.53583	1844.53583	1.4[illegible]
STANDARD ERROR	35.42494	RESIDUAL	62.	77805.42241	1254.92317	

VARIABLES IN THE EQUATION					VARIABLES NOT IN THE EQUATION				
VARIABLE	B	BETA	STD ERROR B	F	VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	10.80930	0.15218	8.91586	1.470					
(CONSTANT)	98.79073								

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M102 SC07 ST04 WA04

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSD TOTAL RAWSCORE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.15210	0.02316	0.02316	0.15210	10.00930	0.1[illegible]
(CONSTANT)						96.79070	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MI02 SC07 ST04 WM04

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRSR TOTAL RAWSCORE-PRETEST

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.53515	REGRESSION	1.	21797.87651	21797.87651	24.8817
R SQUARE	0.28639	RESIDUAL	62.	54315.57005	876.05758	
STANDARD ERROR	29.59827					

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRSR	-0.40122	-0.53515	0.09047	24.682
(CONSTANT)	44.12706			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.30368	0.34994	0.94758	8.51

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.61157	REGRESSION	2.	28449.42469	14224.71235	18.2046
R SQUARE	0.37376	RESIDUAL	61.	47664.01567	781.37751	
STANDARD ERROR	27.95313					

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRSR	-0.41084	-0.45582	0.08560	20.011
TRET	21.08667	0.30368	7.22731	8.513
(CONSTANT)	27.49260			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MZ02 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRSK	TOTAL RAWSCORE-PRETEST	0.53515	0.26639	0.26639	-0.53515	-0.41869	-0.46562
TRET	EXPERIMENTAL TREATMENT	0.61137	0.37378	0.08739	0.41029	21.06667	0.30368
(CONSTANT)						27.49260	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H202 SC07 ST04 WH04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SIBS GAIN-IOWA TEST OF BASIC SKILLS

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.41029	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.16834	REGRESSION	1.	12812.89436	12812.89433	12.549
STANDARD ERROR	31.95272	RESIDUAL	62.	63300.54618	1020.97655	

---------------- VARIABLES IN THE EQUATION ----------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	26.48904	0.41029	8.04196	12.550
(CONSTANT)	-23.86047			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE [illegible] SC07 ST04 NM04

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.41029	0.16834	0.16834	0.41029	28.40904	0.41029
(CONSTANT)						-23.86047	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M202 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. SEPR SELF ESTEEM INVENTORY-PRETEST

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.62809	REGRESSION	1.	5997.40904	5997.40904	40.3951
R SQUARE	0.39450	RESIDUAL	62.	9205.15068	148.47017	
STANDARD ERROR	12.18465					

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
SEPR	0.55064	0.62809	0.10712	40.395
(CONSTANT)	19.11373			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.16323	0.20969	0.99931	2.80

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.64994	REGRESSION	2.	6402.[illegible]	3201.11575	22.1865
R SQUARE	0.42113	RESIDUAL	61.	8800.[illegible]	144.26866	
STANDARD ERROR	12.01119					

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
SEPR	0.67620	0.62381	0.10563	40.979
TRET	5.05526	0.16323	3.02405	2.806
(CONSTANT)	17.63591			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MZ02 SC07 ST04 WM04

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
SEPR	SELF ESTEEM INVENTORY-PRETEST	0.62809	0.39450	0.39450	0.62809	0.67620	0.62381
TRET	EXPERIMENTAL TREATMENT	0.64894	0.42113	0.02662	0.17958	5.06528	0.16323
(CONSTANT)						17.83591	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HE02 SC07 ST04 GR04

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.17956	REGRESSION	1.	490.28169	490.28169	2.0661
R SQUARE	0.03225	RESIDUAL	62.	14712.33803	237.29577	
STANDARD ERROR	15.40441					

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	5.57285	0.17956	3.87703	2.066
(CONSTANT)	59.38825			

------------------ VARIABLES NOT IN THE EQUATION ------------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

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FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MZ02 SC07 ST34 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.17956	0.03225	0.03225	0.17956	5.57225	0.17956
(CONSTANT)						59.66625	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H202 SC07 ST04 WH04

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

VARIABLE(S) ENTERED ON STEP NUMBER 1.. SEPR SELF ESTEEM INVENTORY-PRETEST

MULTIPLE R	0.29678		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.08808		REGRESSION	1.	2262.08826	2262.08826	5.9[illegible]
STANDARD ERROR	19.52192		RESIDUAL	62.	23628.52543	381.10517	

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
SEPR	-0.41996	-0.29678	0.17163	5.988
(CONSTANT)	22.54326			

------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.05967	-0.06247	0.99931	0.2[illegible]

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.30271		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.09163		REGRESSION	2.	2374.28572	1187.14286	3.0767
STANDARD ERROR	19.64225		RESIDUAL	61.	23536.32298	385.84136	

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
SEPR	-0.41776	-0.29521	0.17275	5.848
TRET	-2.41746	-0.05967	4.94547	0.239
(CONSTANT)	23.49161			

------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 2NO4

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
SEPR	SELF ESTEEM INVENTORY-PRETEST	0.29676	0.08806	0.08806	-0.29676	-0.41776	-0.29521
TRET	EXPERIMENTAL TREATMENT	0.30271	0.09163	0.00356	-0.06741	-2.41748	-0.05967
(CONSTANT)						23.49161	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 WM04

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.06741
R SQUARE	0.00454
STANDARD ERROR	20.39642

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	117.74810	117.74810	0.283
RESIDUAL	62.	25792.86059	416.01388	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
TRET	-2.73166	-0.06741	5.13343	0.283
(CONSTANT)	-2.48881			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.06741	0.00454	0.00454	-0.06741	-2.73106	-0.06741
(CONSTANT)						-2.48881	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. GAPK GENERAL ANXIETY SCALS-PRETEST

MULTIPLE R	0.62058	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.38512	REGRESSION	1.	1193.62717	1193.62717	38.83304
STANDARD ERROR	5.54460	RESIDUAL	62.	1906.03903	30.74256	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
GAPK	0.59224	0.62058	0.09504	38.833
(CONSTANT)	7.16834			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.06366	-0.08108	0.99742	0.404

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.62383	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.38916	REGRESSION	2.	1206.35737	603.17869	19.43160
STANDARD ERROR	5.57146	RESIDUAL	61.	1893.50882	31.04113	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
GAPK	0.58915	0.61735	0.09562	37.961
TRET	-0.89206	-0.06366	1.40406	0.404
(CONSTANT)	7.63076			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H202 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
GAPR	GENERAL ANXIETY SCALE-PRETEST	0.62058	0.38512	0.38512	0.62058	0.58915	0.61735
TRET	EXPERIMENTAL TREATMENT	0.62383	0.38916	0.00404	-0.09504	-0.89206	-0.06366
(CONSTANT)						7.63076	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.09504
R SQUARE	0.00903
STANDARD ERROR	7.03091

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	28.00141	28.00141	0.56
RESIDUAL	62.	3071.86479	49.54621	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
TRET	-1.33162	-0.09504	1.77157	0.565
(CONSTANT)	19.68094			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H202 SC07 ST04 WH04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.09504	0.00903	0.00903	-0.09504	-1.33182	-0.09504
(CONSTANT)						19.68094	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MZ02 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GASC DECREASE IN GENERAL: GAIN-GASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. GAPR GENERAL ANXIETY SCALE-PRETEST

MULTIPLE R	0.47594	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.22652	REGRESSION	1.	998.63134	998.63134	16.15[illegible]
STANDARD ERROR	7.41613	RESIDUAL	62.	3409.93419	54.99894	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
GAPR	0.54167	0.47594	0.12712	16.157
(CONSTANT)	-6.00267			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.20191	0.22928	0.99742	3.[illegible]

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.51690	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.26718	REGRESSION	2.	1177.89619	588.94809	11.12[illegible]
STANDARD ERROR	7.27749	RESIDUAL	61.	3230.66935	52.96179	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
GAPR	0.55335	0.48621	0.12490	19.627
TRET	3.37414	0.20191	1.83399	3.385
(CONSTANT)	-10.55192			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MZ02 SC07 ST04 WM04

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERALS GAIN-GASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
GAPR	GENERAL ANXIETY SCALE-PRETEST	0.47594	0.22652	0.22652	0.47594	0.55335	0.48621
TRET	EXPERIMENTAL TREATMENT	0.51690	0.26718	0.04066	0.17720	3.37414	0.20191
(CONSTANT)						-10.55192	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MECE SC07 ST04 WA04

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERAL GAIN-GASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.17720	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.03140	REGRESSION	1.	138.42127	138.42127	2.009[illegible]
STANDARD ERROR	8.29699	RESIDUAL	62.	4270.14426	68.87329	

------------- VARIABLES IN THE EQUATION -------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	2.96112	0.17720	2.08872	2.010
(CONSTANT)	0.76559			

------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MZ02 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GASC DECREASE IN GENERAL: GAIN-GASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.17720	0.03140	0.03140	0.17720	2.96112	0.17720
(CONSTANT)						0.76569	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M202 SC07 ST04 WMG4

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TAPR TEST ANXIETY SCALE-PRETEST

MULTIPLE R	0.53172	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.28273	REGRESSION	1.	812.68336	812.68336	24.43847
STANDARD ERROR	5.76665	RESIDUAL	62.	2061.76453	33.25427	

---------- VARIABLES IN THE EQUATION ----------

VARIABLE	B	BETA	STD ERROR B	F
TAPR	0.53156	0.53172	0.10753	24.438
(CONSTANT)	6.92537			

---------- VARIABLES NOT IN THE EQUATION ----------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.10325	-0.11184	0.84161	0.773

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.54009	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.29170	REGRESSION	2.	838.47376	419.23688	12.56079
STANDARD ERROR	5.77725	RESIDUAL	61.	2035.97413	33.37663	

---------- VARIABLES IN THE EQUATION ----------

VARIABLE	B	BETA	STD ERROR B	F
TAPR	0.49046	0.49063	0.11742	17.447
TRET	-1.39324	-0.10325	1.58496	0.773
(CONSTANT)	8.21359			

---------- VARIABLES NOT IN THE EQUATION ----------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H202 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TAPR	TEST ANXIETY SCALE-PRETEST	0.53172	0.28273	0.[illegible]273	0.53172	0.49048	0.49063
TRET	EXPERIMENTAL TREATMENT	0.54009	0.29170	0.00897	-0.29851	-1.39324	-0.10325
(CONSTANT)						8.21359	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.29851	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.08911	REGRESSION	1.	256.13877	256.13877	6.065
STANDARD ERROR	6.49852	RESIDUAL	62.	2618.30911	42.23079	

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	-4.02802	-0.29851	1.63557	6.065
(CONSTANT)	16.59613			

------------------ VARIABLES NOT IN THE EQUATION ------------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 WH04

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.29851	0.08911	0.08911	-0.29851	-4.02802	-0.29851
(CONSTANT)						16.59618	

```
ANALYSIS FOR PLAN* VS CONTROL - SCHOOL YEAR 1972 - 1973                              09/20/73        PAGE   84

FILE    PLANDATA (CREATION DATE = 09/20/73)    AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE   M202        SC07        ST04        WM04

* * * * * * * * * * * * * * * * * * * * * * * *  M U L T I P L E    R E G R E S S I O N  * * * * * * * * * * * * * * * * * * * * * * * *

DEPENDENT VARIABLE..    TASG        DECREASE IN TEST ANXIETY: GAIN-TASC

VARIABLE(S) ENTERED ON STEP NUMBER  1..    TAPR        TEST ANXIETY SCALE-PRETEST

MULTIPLE R             0.45306                 ANALYSIS OF VARIANCE      DF      SUM OF SQUARES        MEAN SQUARE             F
R SQUARE               0.20526                 REGRESSION                1.          716.25899          716.25899        16.0130
STANDARD ERROR         6.66804                 RESIDUAL                 62.         2773.24971           44.72983

--------------- VARIABLES IN THE EQUATION ---------------          ------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE              B          BETA      STD ERROR B        F        VARIABLE       BETA IN     PARTIAL    TOLERANCE         F

TAPR              0.49903     0.45306       0.12471      16.013        TRET           0.23003     0.23672      0.84161        3.62
(CONSTANT)       -6.59725

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

VARIABLE(S) ENTERED ON STEP NUMBER  2..    TRET        EXPERIMENTAL TREATMENT

MULTIPLE R             0.49979                 ANALYSIS OF VARIANCE      DF      SUM OF SQUARES        MEAN SQUARE             F
R SQUARE               0.24979                 REGRESSION                2.          871.65707          435.82854        10.1554
STANDARD ERROR         6.55100                 RESIDUAL                 61.         2617.85162           42.91560

--------------- VARIABLES IN THE EQUATION ---------------          ------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE              B          BETA      STD ERROR B        F        VARIABLE       BETA IN     PARTIAL    TOLERANCE         F

TAPR              0.59987     0.54460       0.13315      20.297
TRET              3.41996     0.23003       1.79724       3.621
(CONSTANT)       -9.61214

MAXIMUM STEP REACHED
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FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H2C2 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TAPR	TEST ANXIETY SCALE-PRETEST	0.45306	0.20526	0.20526	0.45306	0.59967	0.54460
TRET	EXPERIMENTAL TREATMENT	0.49979	0.24979	0.04453	0.01329	3.41996	0.23003
(CONSTANT)						-9.61214	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H202 SC07 ST04 WM04

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.01329	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.00018	REGRESSION	1.	0.61626	0.61626	0.01095
STANDARD ERROR	7.50150	RESIDUAL	62.	3488.89244	56.27246	

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	0.19758	0.01329	1.88600	0.011
(CONSTANT)	0.63992			

------------------ VARIABLES NOT IN THE EQUATION ------------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ02 SC07 ST04 WM04

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.01329	0.00018	0.00018	0.01329	0.19758	0.01329
(CONSTANT)						0.63992	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

VARIABLE	MEAN	STANDARD DEV	CASES
TRSR	151.1024	45.1244	205
TRSO	127.1707	36.0278	205
GIES	-24.0490	24.6040	204
SEPR	63.7487	14.4627	199
SEPO	65.1123	14.4506	187
SEIG	-2.6177	19.5731	181
GAPO	19.6545	7.6974	187
GAPR	20.0291	7.4135	199
GASG	2.4546	7.2105	186
TAPO	14.6096	7.1844	187
TAPR	14.0102	7.0555	197
TASG	0.1538	7.5501	182
TAGE	-180.2146	350.1567	205
TRET	0.4829	0.5009	205
IQLT	92.7617	12.5575	197
LRAT	1.8585	2.5141	204

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

CORRELATION COEFFICIENTS

A VALUE OF 99.00000 IS PRINTED
IF A COEFFICIENT CANNOT BE COMPUTED.

	TRSR	TRSD	GIBS	SEPR	SEPO	SEIG	GAPO	GAPR	GASG	TAPO	TAPR	TASG
TRSR	1.00000	0.63931	-0.60727	0.35168	0.25669	-0.00454	0.04157	0.19691	0.11919	-0.15122	-0.15634	-0.09348
TRSD	0.63931	1.00000	-0.07945	0.32444	0.24767	0.02664	0.01817	0.15361	0.08646	-0.17198	-0.14851	-0.06642
GIBS	-0.60727	-0.07945	1.00000	-0.16629	-0.10875	0.04554	-0.05216	-0.13955	-0.09013	0.02378	0.07398	0.07672
SEPR	0.35168	0.32444	-0.16629	1.00000	0.70024	-0.23248	-0.25196	-0.20615	-0.00228	-0.29941	-0.44617	-0.20346
SEPO	0.25669	0.24767	-0.10875	0.70024	1.00000	0.42365	-0.32086	-0.20086	0.17606	-0.34721	-0.34692	0.00514
SEIG	-0.00454	0.02664	0.04554	-0.23248	0.42365	1.00000	-0.10150	0.09949	-0.38847	-0.07479	0.08511	-0.27328
GAPO	0.04157	0.01817	-0.05216	-0.25196	-0.32086	-0.10150	1.00000	0.71118	-0.41615	0.62045	0.47335	-0.16642
GAPR	0.19691	0.15361	-0.13955	-0.20615	-0.20086	0.09949	0.71118	1.00000	0.27292	0.44183	0.54589	0.06803
GASG	0.11919	0.08646	-0.09013	-0.00228	0.17606	-0.38847	-0.41615	0.27292	1.00000	-0.25276	0.10047	0.55121
TAPO	-0.15122	-0.17198	0.02378	-0.29941	-0.34721	-0.07479	0.62045	0.44183	-0.25276	1.00000	0.61968	-0.44506
TAPR	-0.15634	-0.14851	0.07398	-0.44617	-0.34692	0.08511	0.47335	0.54589	0.10047	0.61968	1.00000	0.41987
TASG	-0.09348	-0.06642	0.07672	-0.20346	0.00514	-0.27328	-0.16642	0.06803	0.55121	-0.44506	0.41987	1.00000
TAGE	-0.03376	-0.02598	0.02133	-0.05600	-0.02365	-0.02470	0.01854	0.03146	0.05760	0.01555	0.00560	0.00703
TRET	0.09994	0.15132	0.03350	0.04207	-0.10999	-0.16086	-0.03709	0.03749	0.12500	-0.05357	-0.07352	0.02258
IQLT	0.71977	0.74978	-0.23693	0.26639	0.23568	0.03917	-0.02709	0.10863	0.10118	-0.21940	-0.16603	-0.04754
LRAT	0.10739	0.24880	0.16796	0.05158	-0.03585	-0.20690	-0.08312	-0.04207	0.15260	-0.12174	-0.07932	0.11822

	TAGE	TRET	IQLT	LRAT
TRSR	-0.03376	0.09994	0.71977	0.10739
TRSD	-0.02598	0.15132	0.74978	0.24880
GIBS	0.02133	0.03350	-0.23693	0.16796
SEPR	-0.05600	0.04207	0.26639	0.05158
SEPO	-0.02365	-0.10999	0.23568	-0.03585
SEIG	-0.02470	-0.16086	0.03917	-0.20690
GAPO	0.01854	-0.03709	-0.02709	-0.08312
GAPR	0.03146	0.03749	0.10863	-0.04207
GASG	0.05760	0.12500	0.10118	0.15260
TAPO	0.01555	-0.05357	-0.21940	-0.12174
TAPR	0.00560	-0.07352	-0.16603	-0.07932
TASG	0.00703	0.02258	-0.04754	0.11822
TAGE	1.00000	-0.06909	0.03650	-0.02110
TRET	-0.06909	1.00000	0.15091	0.47059
IQLT	0.03650	0.15091	1.00000	0.26569
LRAT	-0.02110	0.47059	0.26569	1.00000

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSO TOTAL RAWSCORE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRSR TOTAL RAWSCORE-PRETEST

MULTIPLE R	0.83931	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.70445	REGRESSION	1.	149958.00247	149958.00247	388.511
STANDARD ERROR	19.64639	RESIDUAL	163.	62914.82106	385.98050	

———— VARIABLES IN THE EQUATION ————

VARIABLE	B	BETA	STD ERROR B	F
TRSR	0.67012	0.83931	0.03400	388.[illegible]12
(CONSTANT)	25.91419			

———— VARIABLES NOT IN THE EQUATION ————

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.06611	0.12466	0.99001	2.5

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.84205	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.70904	REGRESSION	2.	150935.75000	75467.87500	197.36
STANDARD ERROR	19.55320	RESIDUAL	162.	61937.07553	382.32761	

———— VARIABLES IN THE EQUATION ————

VARIABLE	B	BETA	STD ERROR B	F
TRSR	0.66466	0.83251	0.03401	382.033
TRET	4.89883	0.06811	3.06335	2.557
(CONSTANT)	24.36967			

———— VARIABLES NOT IN THE EQUATION ————

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE C803 C804 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSU TOTAL RAWSCORE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRSR	TOTAL RAWSCORE-PRETEST	0.83931	0.70445	0.70445	0.83931	0.66466	0.83251
TRET	EXPERIMENTAL TREATMENT	0.84205	0.70904	0.00459	0.15132	4.69883	0.06811
(CONSTANT)						24.36967	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CO03 CO04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSO TOTAL RAWSCORE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.15132
R SQUARE	0.02290
STANDARD ERROR	35.72207

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	4674.03896	4674.03896	3.81958
RESIDUAL	163.	207998.78457	1276.06616	

------- VARIABLES IN THE EQUATION -------

VARIABLE	B	BETA	STD ERROR B	F
TRET	10.88284	0.15132	5.56847	3.820
(CONSTANT)	121.91509			

------- VARIABLES NOT IN THE EQUATION -------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EN01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSO TOTAL PAWSCORE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.15132	0.02290	0.02290	0.15132	10.88289	0.15132
(CONSTANT)						121.91509	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EH01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRSR TOTAL RAWSCORE-PRETEST

MULTIPLE R	0.60727	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.36878	REGRESSION	1.	36611.47950	36611.47950	95.22814
STANDARD ERROR	19.60767	RESIDUAL	163.	62667.09985	384.46074	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
TRSR	-0.35111	-0.60727	0.03393	95.228
(CONSTANT)	25.98287			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.09514	0.11915	0.99001	2.333

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.61460	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.37774	REGRESSION	2.	37501.19273	18750.59636	49.17004
STANDARD ERROR	19.52798	RESIDUAL	162.	61777.38662	381.34189	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
TRSR	-0.33630	-0.61678	0.03396	98.048
TRET	4.67309	0.09514	3.05940	2.333
(CONSTANT)	24.50952			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATI PATTERSON
SUBFILE CBC3 CBC4 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRSR	TOTAL RAWSCORE-PRETEST	0.60727	0.36878	0.36878	-0.60727	-0.35630	-0.61678
TRET	EXPERIMENTAL TREATMENT	0.61460	0.37774	0.00896	0.03350	4.67309	0.09514
(CONSTANT)						24.50952	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST05 WM01 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.03350
R SQUARE	0.00112
STANDARD ERROR	24.66551

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	111.42297	111.42297	0.18314
RESIDUAL	163.	99167.15638	608.38746	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
TRET	1.64546	0.03350	3.84494	0.183
(CONSTANT)	-24.84366			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.03350	0.00112	0.00112	0.03350	1.64546	0.03350
(CONSTANT)						-24.64366	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. SEPR SELF ESTEEM INVENTORY-PRETEST

			ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.70024						
R SQUARE	0.49033		REGRESSION	1.	16792.17581	16792.17581	156.6156
STANDARD ERROR	10.34806		RESIDUAL	163.	17454.41150	107.08228	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
SEPR	0.69965	0.70024	0.05587	156.616
(CONSTANT)	20.51027			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.13970	-0.19550	0.99823	6.43

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

			ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.71401						
R SQUARE	0.50981		REGRESSION	2.	17459.31254	8729.65627	84.2426
STANDARD ERROR	10.17964		RESIDUAL	162.	16787.27478	103.62515	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
SEPR	0.70553	0.70611	0.05501	164.467
TRET	-4.02966	-0.13970	1.58824	6.438
(CONSTANT)	22.06204			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CD03 CD04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
SEPR	SELF ESTEEM INVENTORY-PRETEST	0.70024	0.49033	0.49033	0.70024	0.70553	0.70611
TRET	EXPERIMENTAL TREATMENT	0.71401	0.50981	0.01948	-0.10999	-4.02966	-0.13970
(CONSTANT)						22.08204	

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FILE   PLANDATA (CREATION DATE = 09/20/73)   AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE   CB03   CB04   EM01   SC05   ST03   WM01   WM02   WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE..   SEPO   SELF ESTEEM INVENTORY-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1..   TRET   EXPERIMENTAL TREATMENT

MULTIPLE R	0.10999
R SQUARE	0.01210
STANDARD ERROR	14.40695

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	414.29449	414.29449	1.9960
RESIDUAL	163.	33832.29283	207.56006	

---------- VARIABLES IN THE EQUATION ----------

VARIABLE	B	BETA	STD ERROR B	F
TRET	-3.17288	-0.10999	2.24520	1.996
(CONSTANT)	60.64457			

---------- VARIABLES NOT IN THE EQUATION ----------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WMC1 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.10999	0.01210	0.01210	-0.10999	-3.17288	-0.1099
(CONSTANT)						66.64457	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

VARIABLE(S) ENTERED ON STEP NUMBER 1.. SEPR SELF ESTEEM INVENTORY-PRETEST

MULTIPLE R	0.23248	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.05404	REGRESSION	1.	3395.59890	3395.59890	9.31261
STANDARD ERROR	19.09513	RESIDUAL	163.	59433.69711	364.62391	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
SEPR	-0.31462	-0.23248	0.10310	9.313
(CONSTANT)	17.23902			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.15135	-0.15547	0.99823	4.013

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.27733	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.07691	REGRESSION	2.	4832.20948	2416.10474	6.74877
STANDARD ERROR	18.92107	RESIDUAL	162.	57997.08653	358.00671	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
SEPR	-0.30600	-0.22611	0.10225	8.956
TRET	-5.91363	-0.15135	2.95209	4.013
(CONSTANT)	19.54551			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
SEPR	SELF ESTEEM INVENTORY-PRETEST	0.23248	0.05404	0.05404	-0.23248	-0.30600	-0.22611
TREI	EXPERIMENTAL TREATMENT	0.27733	0.07691	0.02287	-0.16066	-5.91363	-0.15135
(CONSTANT)						19.54551	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CL03 CL04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.16066	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.02583	REGRESSION	1.	1625.75692	1625.75692	4.32979
STANDARD ERROR	19.37735	RESIDUAL	163.	61203.53709	375.46182	

---------- VARIABLES IN THE EQUATION ----------

VARIABLE	B	BETA	STD ERROR B	F
TRET	-6.26532	-0.16056	3.02061	4.330
(CONSTANT)	0.21767			

---------- VARIABLES NOT IN THE EQUATION ----------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.16086	0.02588	0.02588	-0.16086	-6.28532	-0.16086
(CONSTANT)						0.21767	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CS03 CS04 EM01 SC05 ST03 WA01 WH02 WH03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. GAPR GENERAL ANXIETY SCALE-PRETEST

MULTIPLE R	0.71118	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.50577	REGRESSION	1.	4914.53699	4914.53699	166.8074
STANDARD ERROR	5.42792	RESIDUAL	163.	4802.30103	29.46234	

—————— VARIABLES IN THE EQUATION —————— / —————— VARIABLES NOT IN THE EQUATION ——————

VARIABLE	B	BETA	STD ERROR B	F	VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
GAPR	0.73640	0.71118	0.05717	166.807	TRET	-0.06384	-0.09674	0.99659	1.34
(CONSTANT)	4.30416								

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.71403	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.50984	REGRESSION	2.	4954.08230	2477.04115	84.2526
STANDARD ERROR	5.42219	RESIDUAL	162.	4762.61633	29.40010	

—————— VARIABLES IN THE EQUATION —————— / —————— VARIABLES NOT IN THE EQUATION ——————

VARIABLE	B	BETA	STD ERROR B	F	VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
GAPR	0.74089	0.71557	0.05715	168.051					
TRET	-0.98096	-0.06364	0.84562	1.345					
(CONSTANT)	4.72616								

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CG03 CG04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
GAPR	GENERAL ANXIETY SCALE-PRETEST	0.71118	0.50577	0.50577	0.71118	0.74069	0.71357
TRET	EXPERIMENTAL TREATMENT	0.71403	0.50984	0.00407	-0.03709	-0.48096	-0.06384
(CONSTANT)						4.72616	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CL03 CB04 EM01 SC05 ST05 WM01 WM02 WM05

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.03709
R SQUARE	0.00136
STANDARD ERROR	7.71562

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	13.36784	13.36784	0.22455
RESIDUAL	163.	9703.53079	59.53086	

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	-0.56994	-0.03709	1.20274	0.225
(CONSTANT)	19.95973			

------------------ VARIABLES NOT IN THE EQUATION ------------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CE03 CE04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.03709	0.00138	0.00138	-0.03709	-0.56994	-0.03709
(CONSTANT)						19.95973	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERALS GAIN-GASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. GAPR GENERAL ANXIETY SCALE-PRETEST

MULTIPLE R	0.27292	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.07448	REGRESSION	1.	635.09212	635.09212	13.11779
STANDARD ERROR	6.95806	RESIDUAL	163.	7891.57339	48.41456	

VARIABLES IN THE EQUATION					VARIABLES NOT IN THE EQUATION				
VARIABLE	B	BETA	STD ERROR B	F	VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
GAPR	0.26544	0.27292	0.07329	13.118	TRET	0.11493	0.11938	0.99859	2.342
(CONSTANT)	-3.05432								

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.29610	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.08767	REGRESSION	2.	747.55553	373.77777	7.78392
STANDARD ERROR	6.92959	RESIDUAL	162.	7779.10997	48.01920	

VARIABLES IN THE EQUATION					VARIABLES NOT IN THE EQUATION				
VARIABLE	B	BETA	STD ERROR B	F	VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
GAPR	0.26125	0.26861	0.07304	12.794					
TRET	1.65429	0.11493	1.08097	2.342					
(CONSTANT)	-3.74594								

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CF04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERAL: GAIN-GASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
GAPR	GENERAL ANXIETY SCALE-PRETEST	0.27292	0.07448	0.07448	0.27292	0.26125	0.26661
TRET	EXPERIMENTAL TREATMENT	0.29610	0.08767	0.01319	0.12500	1.65429	0.11493
(CONSTANT)						-3.74594	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERAL: GAIN-GASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

			ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.12500		REGRESSION	1.	133.22005	133.22005	2.58712
R SQUARE	0.01562		RESIDUAL	163.	8393.44545	51.49353	
STANDARD ERROR	7.17590						

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
TRET	1.79922	0.12500	1.11860	2.587
(CONSTANT)	1.62573			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CO03 CO04 EM01 SC05 ST05 WN01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERAL: GAIN-GASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.12500	0.01562	0.01562	0.12500	1.79922	0.12500
(CONSTANT)						1.62573	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EN01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TAPR TEST ANXIETY SCALE-PRETEST

MULTIPLE R	0.61968	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.38401	REGRESSION	1.	3250.62317	3250.62317	101.6143
STANDARD ERROR	5.65595	RESIDUAL	163.	5214.33618	31.98979	

---------- VARIABLES IN THE EQUATION ----------

VARIABLE	B	BETA	STD ERROR B	F
TAPR	0.63065	0.61966	0.06256	101.614
(CONSTANT)	5.77415			

---------- VARIABLES NOT IN THE EQUATION ----------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.00606	-0.01024	0.99460	0.0[illegible]

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.61974	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.38407	REGRESSION	2.	3251.17016	1625.58508	50.509
STANDARD ERROR	5.67308	RESIDUAL	162.	5213.78919	32.18388	

---------- VARIABLES IN THE EQUATION ----------

VARIABLE	B	BETA	STD ERROR B	F
TAPR	0.63004	0.61909	0.06292	100.264
TRET	-0.11560	-0.00806	0.88674	0.017
(CONSTANT)	5.85843			

---------- VARIABLES NOT IN THE EQUATION ----------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TAPR	TEST ANXIETY SCALE-PRETEST	0.61968	0.38401	0.38401	0.61968	0.63004	0.61909
TRET	EXPERIMENTAL TREATMENT	0.61974	0.38407	0.00006	-0.05357	-0.11560	-0.00806
(CONSTANT)						5.83843	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB03 CB04 EM01 SC05 STG3 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.05357
R SQUARE	0.00287
STANDARD ERROR	7.19605

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	24.29583	24.29583	0.46918
RESIDUAL	163.	8440.66352	51.78321	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
TRET	-0.76836	-0.05357	1.12174	0.469
(CONSTANT)	14.98069			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CS03 CS04 SM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.05357	0.00287	0.00287	-0.05357	-0.76636	-0.05357
(CONSTANT)						14.98069	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CC03 CC04 EM01 SC05 ST03 WM01 WM02 LM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. TASC DECREASE IN TEST ANXIETY: GAIN-TASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TAPR TEST ANXIETY SCALE-PRETEST

MULTIPLE R	0.41987	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.17629	REGRESSION	1.	1646.08031	1646.08031	34.88546
STANDARD ERROR	6.873[illegible]	RESIDUAL	163.	7700.54697	47.24262	

———— VARIABLES IN THE EQUATION ————

VARIABLE	B	BETA	STD ERROR B	F
TAPR	0.44905	0.41987	0.07603	34.885
(CONSTANT)	-6.13739			

———— VARIABLES NOT IN THE EQUATION ————

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.05374	0.05905	0.99460	0.567

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.42328	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.17916	REGRESSION	2.	1674.92931	837.46466	17.67978
STANDARD ERROR	6.88248	RESIDUAL	162.	7673.69797	47.36851	

———— VARIABLES IN THE EQUATION ————

VARIABLE	B	BETA	STD ERROR B	F
TAPR	0.45327	0.42382	0.07634	35.259
TRET	0.80992	0.05374	1.07577	0.567
(CONSTANT)	-6.55771			

———— VARIABLES NOT IN THE EQUATION ————

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CE03 CB04 EM01 SC05 ST03 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TAPR	TEST ANXIETY SCALE-PRETEST	0.41987	0.17629	0.17629	0.41987	0.45327	0.42362
TRET	EXPERIMENTAL TREATMENT	0.42328	0.17916	0.00287	0.02258	0.80992	0.05374
(CONSTANT)						-6.58771	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CE03 CE04 EM01 SC05 ST05 WM01 WM02 WM03

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.02258	REGRESSION	1.	4.76575	4.76575	0.08314
R SQUARE	0.00051	RESIDUAL	163.	9343.66193	57.32430	
STANDARD ERROR	7.57126					

------------ VARIABLES IN THE EQUATION ------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	0.34030	0.02256	1.18024	0.083
(CONSTANT)	-0.61050			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CH03 CH04 EM01 SC05 ST05 WM01 WM02 WM03

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TASS DECREASE IN TEST ANXIETY: GAIN-TASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.02256	0.00051	0.00051	0.02256	0.34030	0.02258
(CONSTANT)						-0.01050	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

VARIABLE	MEAN	STANDARD DEV	CASES
TRSR	169.5791	60.0596	193
TRSD	127.0010	43.2323	193
GIBS	-41.9741	35.9197	193
SEPR	62.7090	15.0427	189
SEPO	64.5034	15.7514	179
SEIG	-1.7232	19.5046	177
GAPO	19.6532	7.2574	173
GAPR	20.7513	6.3427	169
GASG	5.1071	7.3615	166
TAPO	15.4363	7.0172	174
TAPR	14.9521	6.8500	168
TASG	0.7022	6.7164	178
TAGE	-156.0084	336.4135	193
TRET	0.4560	0.4994	193
IQLT	95.0847	13.6994	189
LRAT	1.2502	1.5649	190

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

CORRELATION COEFFICIENTS

A VALUE OF 99.00000 IS PRINTED
IF A COEFFICIENT CANNOT BE COMPUTED.

	TRSR	TRSD	GIBS	SEPR	SEPO	SEIG	GAPO	GAPR	GASG	TAPO	TAPR	TASG
TRSR	1.00000	0.60607	-0.70188	0.38665	0.45035	0.18208	-0.25415	-0.01512	0.14476	-0.47361	-0.35107	0.05769
TRSD	0.60607	1.00000	-0.14421	0.34499	0.32348	0.06680	-0.15243	0.07763	0.18961	-0.37470	-0.25473	0.09368
GIBS	-0.70188	-0.14421	1.00000	-0.22842	-0.35715	-0.22771	0.23672	0.11982	-0.01083	0.33930	0.27626	0.01712
SEPR	0.38665	0.34499	-0.22842	1.00000	0.66622	-0.24865	-0.10474	-0.09057	0.01179	-0.39734	-0.35198	0.02764
SEPO	0.45035	0.32348	-0.35715	0.66622	1.00000	0.44703	-0.31774	-0.18847	0.11785	-0.50128	-0.30891	0.16323
SEIG	0.18208	0.06680	-0.22771	-0.24865	0.44703	1.00000	-0.28433	0.03750	-0.23718	-0.14689	0.04472	-0.23626
GAPO	-0.25415	-0.15243	0.23672	-0.10474	-0.31774	-0.28433	1.00000	0.72325	-0.55910	0.46352	0.47058	-0.03163
GAPR	-0.01512	0.07763	0.11982	-0.09057	-0.18847	0.03750	0.72325	1.00000	0.14118	0.32997	0.48393	0.09330
GASG	0.14476	0.18961	-0.01083	0.01179	0.11785	-0.23718	-0.55910	0.14118	1.00000	-0.17033	-0.03550	0.45895
TAPO	-0.47361	-0.37470	0.33930	-0.39734	-0.50128	-0.14689	0.46352	0.32997	-0.17033	1.00000	0.69549	-0.42512
TAPR	-0.35107	-0.25473	0.27626	-0.35198	-0.30891	0.04472	0.47058	0.48393	-0.03550	0.69549	1.00000	0.31372
TASG	0.05769	0.09368	0.01712	0.02764	0.16323	-0.23626	-0.03163	0.09330	0.45895	-0.42512	0.31372	1.00000
TAGE	-0.00293	-0.03206	-0.03369	0.11013	0.10216	-0.04506	-0.00533	-0.15050	-0.20950	0.04386	-0.03944	-0.09759
TRET	-0.31096	-0.03906	0.47294	-0.19117	-0.27318	-0.11744	0.06427	0.01825	0.08423	0.06430	0.05963	0.08861
IQLT	0.74512	0.65442	-0.45347	0.25867	0.24019	0.14851	-0.17126	0.04187	0.09356	-0.35470	-0.26099	-0.02091
LRAT	0.06015	0.08121	-0.00481	0.03758	0.04313	0.01687	0.03832	0.11807	0.04518	0.06810	0.01913	-0.01074

	TAGE	TRET	IQLT	LRAT
TRSR	-0.00293	-0.31096	0.74512	0.06015
TRSD	-0.03206	-0.03906	0.65442	0.08121
GIBS	-0.03369	0.47294	-0.45347	-0.00481
SEPR	0.11013	-0.19117	0.25867	0.03758
SEPO	0.10216	-0.27318	0.24019	0.04313
SEIG	-0.04506	-0.11744	0.14851	0.01687
GAPO	-0.00533	0.06427	-0.17126	0.03832
GAPR	-0.15050	0.01825	0.04187	0.11807
GASG	-0.20950	0.08423	0.09356	0.04518
TAPO	0.04386	0.06430	-0.35470	0.06810
TAPR	-0.03944	0.05963	-0.26099	0.01913
TASG	-0.09759	0.08861	-0.02091	-0.01074
TAGE	1.00000	-0.03997	0.04069	0.12429
TRET	-0.03997	1.00000	-0.21174	0.11258
IQLT	0.04069	-0.21174	1.00000	-0.00576
LRAT	0.12429	0.11258	-0.00576	1.00000

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CG01 CG02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSD TOTAL RAWSCORE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRSR TOTAL RAWSCORE-PRETEST

MULTIPLE R	0.80607		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.64975		REGRESSION	1.	183376.19016	183376.19016	278.27066
STANDARD ERROR	25.67070		RESIDUAL	150.	98847.74[illegible]03	658.98499	

———— VARIABLES IN THE EQUATION ————

VARIABLE	B	BETA	STD ERROR B	F
TRSR	0.52023	0.80607	0.03476	278.271
(CONSTANT)	29.20832			

———— VARIABLES NOT IN THE EQUATION ————

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.23425	0.37620	0.90330	24.564

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.83626		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.69932		REGRESSION	2.	197365.74074	98682.87037	173.27433
STANDARD ERROR	23.86458		RESIDUAL	149.	84855.19806	569.51611	

———— VARIABLES IN THE EQUATION ————

VARIABLE	B	BETA	STD ERROR B	F
TRSR	0.63267	0.67592	0.03402	345.793
TRET	20.28105	0.23425	4.09206	24.564
(CONSTANT)	11.06923			

———— VARIABLES NOT IN THE EQUATION ————

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CE01 CE02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSO TOTAL RAWSCORE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRSR	TOTAL RAWSCORE-PRETEST	0.80607	0.64975	0.64975	0.80607	0.63267	0.87892
TRET	EXPERIMENTAL TREATMENT	0.83626	0.69932	0.04957	-0.03906	20.20105	0.23425
(CONSTANT)						11.06923	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CE01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSU TOTAL RAWSCORE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.03906	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.00153	REGRESSION	1.	430.53404	430.53404	0.2291
STANDARD ERROR	43.34308	RESIDUAL	150.	281793.40475	1878.62270	

---------------- VARIABLES IN THE EQUATION ----------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	-3.38149	-0.03906	7.06358	0.229
(CONSTANT)	129.14286			

---------------- VARIABLES NOT IN THE EQUATION ----------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSO TOTAL RAWSCORE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.03906	0.00153	0.00153	-0.03906	-3.38149	-0.03906
(CONSTANT)						129.14286	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRSR TOTAL RAWSCORE-PRETEST

MULTIPLE R	0.70188	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.49265	REGRESSION	1.	95975.96720	95975.96720	145.64211
STANDARD ERROR	25.67670	RESIDUAL	159.	98847.74863	658.98499	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
TRSR	-0.41977	-0.70188	0.03478	145.642
(CONSTANT)	29.20632			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.28195	0.37620	0.90330	24.564

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.75129	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.56444	REGRESSION	2.	109965.51778	54982.75889	96.54260
STANDARD ERROR	23.86458	RESIDUAL	149.	84659.19806	569.51811	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
TRSR	-0.36733	-0.61420	0.03402	116.570
TRET	20.28105	0.28195	4.09206	24.564
(CONSTANT)	11.06923			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRSR	TOTAL RAWSCORE-PRETEST	0.70188	0.49263	0.49263	-0.70188	-0.36733	-0.61420
TRET	EXPERIMENTAL TREATMENT	0.75129	0.56444	0.07181	0.47294	20.28105	0.28195
(CONSTANT)						11.06923	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CE01 CE02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS   GAIN-IOWA TEST OF BASIC SKILLS

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET   EXPERIMENTAL TREATMENT

MULTIPLE R	0.47294
R SQUARE	0.22367
STANDARD ERROR	31.75395

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	43576.66859	43576.66859	43.21737
RESIDUAL	150.	151247.04725	1008.31365	

---------------- VARIABLES IN THE EQUATION ----------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	34.01981	0.47294	5.17491	43.217
(CONSTANT)	-57.48571			

------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CS01 CS02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.47294	0.22367	0.22367	0.47294	34.01901	0.47294
(CONSTANT)						-57.48571	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CC01 CC02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. SEPR SELF ESTEEM INVENTORY-PRETEST

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.66622					119.71192
R SQUARE	0.44365	REGRESSION	1.	16628.38914	16628.38914	
STANDARD ERROR	11.78573	RESIDUAL	150.	20835.50610	138.90337	

------------ VARIABLES IN THE EQUATION ------------

VARIABLE	B	BETA	STD ERROR B	F
SEPR	0.69761	0.66622	0.06376	119.712
(CONSTANT)	20.76206			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.15135	-0.19921	0.96345	6.157

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.68256					64.99244
R SQUARE	0.46592	REGRESSION	2.	17455.21136	8727.60569	
STANDARD ERROR	11.58820	RESIDUAL	149.	20008.68365	134.28647	

------------ VARIABLES IN THE EQUATION ------------

VARIABLE	B	BETA	STD ERROR B	F
SEPR	0.65731	0.63729	0.06387	109.165
TRET	-4.77414	-0.15135	1.92400	6.157
(CONSTANT)	24.83374			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CC01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
SEPR	SELF ESTEEM INVENTORY-PRETEST	0.66622	0.44365	0.44365	0.66622	0.06731	0.63729
TRET	EXPERIMENTAL TREATMENT	0.68258	0.46592	0.02207	-0.27318	-4.77414	-0.15135
(CONSTANT)						24.83874	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE C003 C002 SC04 ST02 WP04 WM05 WM06 WP07

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.27310	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.07463	REGRESSION	1.	2795.83899	2795.83895	12.09696
STANDARD ERROR	15.20264	RESIDUAL	150.	34668.05629	231.12038	

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	-9.61710	-0.27310	2.67756	12.097
(CONSTANT)	66.43742			

------------------ VARIABLES NOT IN THE EQUATION ------------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CG01 CG02 SC04 STG2 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.27318	0.07463	0.07463	-0.27318	-8.61710	-0.27318
(CONSTANT)						68.43742	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

VARIABLE(S) ENTERED ON STEP NUMBER 1.. SEPR SELF ESTEEM INVENTORY-PRETEST

MULTIPLE R	0.24865	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.06183	REGRESSION	1.	3551.62127	3551.62127	9.8851
STANDARD ERROR	18.95468	RESIDUAL	150.	53893.09855	359.28732	

------------ VARIABLES IN THE EQUATION ------------

VARIABLE	B	BETA	STD ERROR B	F
SEPR	-0.32240	-0.24865	0.10254	9.885
(CONSTANT)	18.49445			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.17125	-0.17353	0.96345	4.62

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.30013	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.09008	REGRESSION	2.	5174.42382	2587.21191	7.3750
STANDARD ERROR	18.72965	RESIDUAL	149.	52270.29601	350.80736	

------------ VARIABLES IN THE EQUATION ------------

VARIABLE	B	BETA	STD ERROR B	F
SEPR	-0.36485	-0.28138	0.10323	12.491
TRET	-6.58840	-0.17125	3.10974	4.626
(CONSTANT)	24.20573			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
SEPR	SELF ESTEEM INVENTORY-PRETEST	0.24865	0.06183	0.06183	-0.24865	-0.36485	-0.28138
TRET	EXPERIMENTAL TREATMENT	0.30013	0.09006	0.02825	-0.11744	-6.68840	-0.17123
(CONSTANT)						24.20573	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CG01 CG02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

			ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.11744						
R SQUARE	0.01379		REGRESSION	1.	792.32354	792.32354	2.0978
STANDARD ERROR	19.43406		RESIDUAL	150.	56652.39629	377.68264	

---------------- VARIABLES IN THE EQUATION ----------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	-4.58729	-0.11744	3.16715	2.098
(CONSTANT)	0.36845			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.11744	0.01379	0.01379	-0.11744	-4.58729	-0.11744
(CONSTANT)						0.36845	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE C801 C802 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. GAPR GENERAL ANXIETY SCALE-PRETEST

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.72325	REGRESSION	1.	4160.18447	4160.18447	164.523
R SQUARE	0.52309	RESIDUAL	150.	3792.94230	25.28628	
STANDARD ERROR	5.02855					

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
GAPR	0.62754	0.72325	0.06452	164.523
(CONSTANT)	2.48056			

------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.07109	0.10293	0.99967	1.5

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.72673	REGRESSION	2.	4200.36983	2100.18492	83.38
R SQUARE	0.52814	RESIDUAL	149.	3752.75693	25.18629	
STANDARD ERROR	5.01859					

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
GAPR	0.62606	0.72195	0.06440	164.530
TRET	1.03326	0.07109	0.81801	1.596
(CONSTANT)	2.04024			

------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
GAPR	GENERAL ANXIETY SCALE-PRETEST	0.72325	0.52309	0.52309	0.72325	0.62606	0.72195
TRET	EXPERIMENTAL TREATMENT	0.72673	0.52814	0.00505	0.08427	1.03326	0.07109
(CONSTANT)						2.04024	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CC01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SAPO GENERAL ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.08427	REGRESSION	1.	56.47851	56.47851	1.0728
R SQUARE	0.00710	RESIDUAL	150.	7896.64645	52.64432	
STANDARD ERROR	7.25564					

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	1.22474	0.08427	1.18244	1.073
(CONSTANT)	19.09475			

------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.08427	0.00710	0.00710	0.08427	1.22474	0.08427
(CONSTANT)						19.09475	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERAL: GAIN-GASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. GAPR GENERAL ANXIETY SCALE-PRETEST

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.14116	REGRESSION	1.	163.11323	163.11323	3.0507
R SQUARE	0.01993	RESIDUAL	150.	8019.88549	53.46590	
STANDARD ERROR	7.31204					

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
GAPR	0.15386	0.14116	0.09362	3.051
(CONSTANT)	-0.29322			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.08168	0.08249	0.99967	1.02

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.16310	REGRESSION	2.	217.69142	108.84571	2.0360
R SQUARE	0.02660	RESIDUAL	149.	7965.30730	53.45844	
STANDARD ERROR	7.31155					

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
GAPR	0.16213	0.13969	0.09362	2.986
TRET	1.20417	0.08168	1.19175	1.021
(CONSTANT)	-0.50637			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERAL: GAIN-GASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
GAPR	GENERAL ANXIETY SCALE-PRETEST	0.14118	0.01993	0.01993	0.14118	0.16213	0.13969
TRET	EXPERIMENTAL TREATMENT	0.16310	0.02660	0.00667	0.08423	1.20417	0.08168
(CONSTANT)						-0.80657	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CS01 CS02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERAL: GAIN-GASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.08423
R SQUARE	0.00709
STANDARD ERROR	7.35977

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	58.05750	58.05750	1.0718
RESIDUAL	150.	8124.94121	54.16627	

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	1.24175	0.08423	1.19941	1.072
(CONSTANT)	2.54096			

------------------ VARIABLES NOT IN THE EQUATION ------------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WPC4 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERAL: GAIN-GASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.08423	0.00709	0.00709	0.08423	1.24175	0.08423
(CONSTANT)						2.54096	

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ANALYSIS FOR PLAN* VS CONTROL - SCHOOL YEAR 1972 - 1973                         09/20/73        PAGE  146

FILE   PLANDATA (CREATION DATE = 09/20/73)   AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE   CL01      CL02      SC04      ST02      WP36      WH05.      WH06      WH07

* * * * * * * * * * * * * * * * * * * * * * *   M U L T I P L E   R E G R E S S I O N   * * * * * * * * * * * * * * * * * * * * * * *

DEPENDENT VARIABLE..     TAPO        TEST ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER  1..     TAPR        TEST ANXIETY SCALE-PRETEST

MULTIPLE R           0.69549                       ANALYSIS OF VARIANCE     DF       SUM OF SQUARES        MEAN SQUARE            F
R SQUARE             0.48370                       REGRESSION               1.           3596.54971          3596.54971       140.5290[illegible]
STANDARD ERROR       5.05995                       RESIDUAL               150.           3838.93869            25.59292

----------------- VARIABLES IN THE EQUATION -----------------            ------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE             B           BETA     STD ERROR B         F             VARIABLE        BETA IN     PARTIAL    TOLERANCE          F

TAPR              0.71246      0.69549       0.06010       140.529          TRET            0.02291     0.03183      0.99644         0.[illegible]
(CONSTANT)        4.76394

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

VARIABLE(S) ENTERED ON STEP NUMBER  2..     TRET        EXPERIMENTAL TREATMENT

MULTIPLE R           0.69566                       ANALYSIS OF VARIANCE     DF       SUM OF SQUARES        MEAN SQUARE            F
R SQUARE             0.48422                       REGRESSION               2.           3600.43875          1800.21938        69.962[illegible]
STANDARD ERROR       5.07552                       RESIDUAL               149.           3835.04965            25.73859

----------------- VARIABLES IN THE EQUATION -----------------            ------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE             B           BETA     STD ERROR B         F             VARIABLE        BETA IN     PARTIAL    TOLERANCE          F

TAPR              0.71105      0.69412       0.06038       138.691
TRET              0.32196      0.02291       0.82827         0.151
(CONSTANT)        4.65808

MAXIMUM STEP REACHED
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FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CD01 CD02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TAPR	TEST ANXIETY SCALE-PRETEST	0.69549	0.48370	0.48370	0.69549	0.71106	0.6941
TRET	EXPERIMENTAL TREATMENT	0.69586	0.48422	0.00052	0.06430	0.32196	0.0229
(CONSTANT)						4.65806	

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FILE    PLANDATA (CREATION DATE = 09/20/73)   AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE   CO01      CO02      SC04      ST02      WP04      WM05      WM06      WM07

* * * * * * * * * * * * * * * * * * * *   M U L T I P L E   R E G R E S S I O N   * * * * * * * * * * * * * * * * * * * *

DEPENDENT VARIABLE..    TAPO       TEST ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER  1..    TRET        EXPERIMENTAL TREATMENT

MULTIPLE R          0.06430               ANALYSIS OF VARIANCE      DF      SUM OF SQUARES       MEAN SQUARE          F
R SQUARE            0.00413               REGRESSION                1.            30.74016          30.74016      0.6227
STANDARD ERROR      7.02602               RESIDUAL                150.          7404.74824          49.36499

-------------- VARIABLES IN THE EQUATION --------------          ------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE             B          BETA      STD ERROR B        F          VARIABLE      BETA IN     PARTIAL   TOLERANCE       F

TRET              0.90356     0.06430       1.14502       0.623
(CONSTANT)       15.02479

MAXIMUM STEP REACHED
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FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE C801 C802 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.06430	0.00413	0.00413	0.06430	0.90356	0.06430
(CONSTANT)						15.02479	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CC01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TAPR TEST ANXIETY SCALE-PRETEST

MULTIPLE R	0.31372	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.09842	REGRESSION	1.	670.60955	670.60955	16.3749
STANDARD ERROR	6.40044	RESIDUAL	150.	6144.85164	40.96565	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
TAPR	0.30769	0.31372	0.07604	16.375
(CONSTANT)	-3.59043			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.07015	0.07375	0.99644	0.81

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.32144	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.10333	REGRESSION	2.	704.23318	352.11659	8.584
STANDARD ERROR	6.40440	RESIDUAL	149.	6111.42831	41.01630	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
TAPR	0.30359	0.30954	0.07622	15.865
TRET	0.94355	0.07015	1.04558	0.815
(CONSTANT)	-4.26745			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CD01 CB02 SC04 ST02 WPC4 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TAPR	TEST ANXIETY SCALE-PRETEST	0.31372	0.09842	0.09842	0.31372	0.30359	0.30954
TRET	EXPERIMENTAL TREATMENT	0.32144	0.10333	0.00490	0.08861	0.94315	0.07015
(CONSTANT)						-4.26745	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE CB01 CB02 SC04 ST02 WP04 WM05 WM06 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.08861
R SQUARE	0.00785
STANDARD ERROR	6.71424

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	53.51375	53.51375	1.18706
RESIDUAL	150.	6762.14774	45.08098	

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	1.19217	0.08861	1.09421	1.187
(CONSTANT)	0.15867			

------------------ VARIABLES NOT IN THE EQUATION ------------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE C001 C002 SC04 ST02 WP04 WMC5 WMC6 WM07

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.08861	0.00785	0.00785	0.08861	1.19217	0.08861
(CONSTANT)						0.15667	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE N201 SC06 ST01 WM08

VARIABLE	MEAN	STANDARD DEV	CASES
TMSR	156.5200	37.6340	100
TRSU	126.4000	36.0839	100
GILS	-29.9200	16.6275	100
SLPR	65.7021	15.2737	94
SEPU	62.5217	16.0600	92
SEIG	-2.6517	18.6698	89
GAPU	16.9667	8.5097	90
GAPR	18.0426	7.1215	94
GASG	1.8909	6.4105	89
TAPU	13.3202	7.1407	89
TAPR	14.1365	8.6332	93
TASG	0.9556	7.1502	90
TAGE	-121.2300	332.0063	100
TRET	0.4900	0.5024	100
IULT	96.2525	10.5553	99
LRAT	1.9209	2.6568	96

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WMOE .

CORRELATION COEFFICIENTS

A VALUE OF 99.00000 IS PRINTED
IF A COEFFICIENT CANNOT BE COMPUTED.

	TRSR	TRSO	GIBS	SEPR	SEPO	SEIG	GAPO	GAPR	GASG	TAPO	TAPR	TASG
TRSR	1.00000	0.87308	-0.33001	0.17668	0.18936	-0.09957	0.18433	0.19160	0.12830	-0.05284	-0.20597	-0.06760
TRSO	0.87308	1.00000	0.17213	0.22073	0.20493	-0.06128	0.09353	0.11537	0.10060	-0.15459	-0.27440	-0.03445
GIBS	-0.33001	0.17213	1.00000	0.07054	0.01648	0.09162	-0.19024	-0.16275	-0.06849	-0.19934	-0.11503	0.07315
SEPR	0.17668	0.22073	0.07054	1.00000	0.67099	-0.28348	-0.32149	-0.23187	0.12103	-0.36097	-0.38931	0.10724
SEPO	0.18936	0.20493	0.01648	0.67099	1.00000	0.40555	-0.34949	-0.19254	0.25048	-0.44013	-0.33259	0.19418
SEIG	-0.09957	-0.06128	0.09162	-0.28348	0.40555	1.00000	-0.12821	0.00832	-0.26610	-0.13337	0.11193	-0.15344
GAPO	0.18433	0.09353	-0.19024	-0.32149	-0.34949	-0.12821	1.00000	0.79827	-0.52961	0.60606	0.50265	-0.16274
GAPR	0.19160	0.11537	-0.16275	-0.23187	-0.19254	0.00832	0.79827	1.00000	0.09929	0.47455	0.53448	0.01190
GASG	0.12830	0.10060	-0.06849	0.12103	0.25048	-0.26610	-0.52961	0.09929	1.00000	-0.37504	-0.10583	0.48013
TAPO	-0.05284	-0.15459	-0.19934	-0.36097	-0.44013	-0.13337	0.60606	0.47455	-0.37504	1.00000	0.67102	-0.49121
TAPR	-0.20597	-0.27440	-0.11503	-0.38931	-0.33259	0.11193	0.50265	0.53448	-0.10583	0.67102	1.00000	0.32367
TASG	-0.06760	-0.03445	0.07315	0.10724	0.19418	-0.15344	-0.16274	0.01190	0.48013	-0.49121	0.32367	1.00000
TAGE	-0.01194	0.06569	0.15130	0.05568	-0.02837	-0.10309	0.03438	0.08732	0.09353	-0.06281	-0.00039	0.13636
TRET	-0.01639	-0.06556	-0.09381	-0.11017	-0.13426	-0.11067	0.05895	0.03028	0.01887	0.07102	0.04040	0.01236
IQLT	0.68416	0.71400	0.01999	0.15118	0.25727	0.15306	-0.06720	-0.09491	0.05182	-0.24653	-0.28798	-0.00959
LRAT	-0.01030	0.00392	0.02923	-0.04579	0.03872	-0.00284	-0.16095	-0.11531	0.13811	-0.09642	-0.04375	0.12298

	TAGE	TRET	IQLT	LRAT
TRSR	-0.01194	-0.01639	0.68416	-0.01030
TRSO	0.06569	-0.06556	0.71400	0.00392
GIBS	0.15130	-0.09381	0.01999	0.02923
SEPR	0.05568	-0.11017	0.15118	-0.04579
SEPO	-0.02837	-0.13426	0.25727	0.03872
SEIG	-0.10309	-0.11067	0.15306	-0.00284
GAPO	0.03438	0.05895	-0.06720	-0.16095
GAPR	0.08732	0.03028	-0.09491	-0.11531
GASG	0.09353	0.01887	0.05182	0.13811
TAPO	-0.06281	0.07102	-0.24653	-0.09642
TAPR	-0.00039	0.04040	-0.28798	-0.04375
TASG	0.13636	0.01236	-0.00959	0.12298
TAGE	1.00000	0.00713	0.08993	-0.02399
TRET	0.00713	1.00000	-0.04484	-0.23249
IQLT	0.08993	-0.04484	1.00000	-0.03704
LRAT	-0.02399	-0.23249	-0.03704	1.00000

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WH08

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSQ TOTAL RAWSCORE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRSR TOTAL RAWSCORE-PRETEST

MULTIPLE R	0.87308
R SQUARE	0.76227
STANDARD ERROR	17.69211

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	81295.81443	81295.81443	259.72200
RESIDUAL	81.	25353.88254	313.01090	

---------------- VARIABLES IN THE EQUATION ----------------

VARIABLE	B	BETA	STD ERROR B	F
TRSR	0.33665	0.87308	0.05191	259.722
(CONSTANT)	-4.38589			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.05126	-0.10513	0.99973	0.694

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.87458
R SQUARE	0.76490
STANDARD ERROR	17.70370

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	2.	81576.00731	40788.00365	130.13802
RESIDUAL	80.	25073.68966	313.42112	

---------------- VARIABLES IN THE EQUATION ----------------

VARIABLE	B	BETA	STD ERROR B	F
TRSR	0.33585	0.87224	0.05196	258.614
TRET	-3.47972	-0.05126	3.89180	0.694
(CONSTANT)	-2.45697			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ01 SC06 ST01 WM00

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSO TOTAL RAWSCORE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRSK	TOTAL RAWSCORE-PRETEST	0.87308	0.76227	0.76227	0.87308	0.83585	0.87224
TRET	EXPERIMENTAL TREATMENT	0.87458	0.76490	0.00263	-0.06556	-3.67972	-0.05126
(CONSTANT)						-2.45697	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MZ01 SC06 ST01 WM06

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSO TOTAL RAWSCORE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.06556
R SQUARE	0.00430
STANDARD ERROR	35.20779

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	458.38146	458.38146	0.34964
RESIDUAL	81.	106191.31551	1311.00390	

---------------- VARIABLES IN THE EQUATION ----------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	-4.70568	-0.06556	7.95847	0.350
(CONSTANT)	128.70500			

------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WM08

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TRSO TOTAL RAWSCORE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.06556	0.00430	0.00430	-0.06556	-4.70588	-0.06556
(CONSTANT)						125.70588	

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FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MED1 SC06 STU1 AHOO

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRSR TOTAL RAWSCORE-PRETEST

MULTIPLE R	0.33001
R SQUARE	0.10891
STANDARD ERROR	17.69211

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	3096.75407	3096.75407	9.89964
RESIDUAL	81.	25353.86254	313.01090	

------------------- VARIABLES IN THE EQUATION -------------------

VARIABLE	B	BETA	STD ERROR B	F
TRSR	-0.16335	-0.33001	0.05191	9.900
(CONSTANT)	-4.28969			

------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.09925	-0.10513	0.99972	0.894

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.34451
R SQUARE	0.11576
STANDARD ERROR	17.70373

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	2.	3375.95195	1689.47[illegible]	5.39043
RESIDUAL	80.	25073.66566	313.421[illegible]	

------------------- VARIABLES IN THE EQUATION -------------------

VARIABLE	B	BETA	STD ERROR B	F
TRSR	-0.15415	-0.33164	0.05196	9.922
TRET	-3.63972	-0.09925	3.89150	0.894
(CONSTANT)	-2.45697			

------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY MATT PATTERSON
SUBFILE MZ01 SC05 STD8 UNOW

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRSA	TOTAL RAWSCORE-PRETEST	0.33001	0.10891	0.10891	-0.33001	-0.16415	-0.33164
TRET .	EXPERIMENTAL TREATMENT	0.34461	0.11876	0.00985	-0.09[illegible]81	-3.07972	-0.09925
(CONSTANT)						-2.45097	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MED1 SC06 ST01 WM06

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.09381
R SQUARE	0.00880
STANDARD ERROR	18.65947

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	250.41010	250.41010	0.71921
RESIDUAL	81.	28202.25152	348.17570	

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	-3.47319	-0.09381	4.10135	0.719
(CONSTANT)	-28.21569			

------------------ VARIABLES NOT IN THE EQUATION ------------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ01 SCG5 ST01 WM08

* MULTIPLE REGRESSION *

DEPENDENT VARIABLE.. GIBS GAIN-IOWA TEST OF BASIC SKILLS

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.09381	0.00880	0.00880	-0.09381	-3.47819	-0.09381
(CONSTANT)						-26.21569	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC05 ST01 WM08

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. SEPR SELF ESTEEM INVENTORY-PRETEST

MULTIPLE R	0.67099	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.45023	REGRESSION	1.	9522.23962	9522.23962	66.33474
STANDARD ERROR	11.98117	RESIDUAL	81.	11627.41351	143.54831	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
SEPR	0.70553	0.67099	0.08663	66.335
(CONSTANT)	17.57775			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.06108	-0.06187	0.98786	0.540

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.67375	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.45392	REGRESSION	2.	9600.17603	4800.08801	33.24887
STANDARD ERROR	12.01534	RESIDUAL	80.	11549.47710	144.36846	

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
SEPR	0.69546	0.66426	0.08740	63.857
TRET	-1.95231	-0.06108	2.65715	0.540
(CONSTANT)	18.96509			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M201 SC06 ST01 WH08

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	b	BETA
SEPR	SELF ESTEEM INVENTORY-PRETEST	0.67099	0.45023	0.45023	0.67099	0.69646	0.66426
TRET	EXPERIMENTAL TREATMENT	0.67373	0.45392	0.00368	-0.13426	-1.55231	-0.06108
(CONSTANT)						18.96509	

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FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M201 SC06 ST01 WM06

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPO SELF ESTEEM INVENTORY-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.13426	REGRESSION	1.	381.23514	381.23514	1.4866
R SQUARE	0.01803	RESIDUAL	81.	20769.41799	256.40022	
STANDARD ERROR	16.0125[illegible]					

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	-4.29165	-0.13426	3.51955	1.487
(CONSTANT)	64.62465			

------------- VARIABLES NOT IN THE EQUATION -------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WM08

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEPU SELF ESTEEM INVENTORY-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.13426	0.01803	0.01803	-0.13426	-4.29165	-0.13426
(CONSTANT)						64.62465	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WH06

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

VARIABLE(S) ENTERED ON STEP NUMBER 1.. SEPR SELF ESTEEM INVENTORY-PRETEST

MULTIPLE R	0.28348	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.08036	REGRESSION	1.	2346.38806	2346.38806	7.07812
STANDARD ERROR	18.20710	RESIDUAL	81.	26851.39131	331.49866	

———————— VARIABLES IN THE EQUATION ————————

VARIABLE	B	BETA	STD ERROR B	F
SEPR	-0.35025	-0.28348	0.13164	7.078
(CONSTANT)	19.65844			

———————— VARIABLES NOT IN THE EQUATION ————————

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.14364	-0.14888	0.98786	1.813

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.31740	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.10075	REGRESSION	2.	2941.55617	1470.70080	4.48128
STANDARD ERROR	18.11637	RESIDUAL	80.	26256.24320	328.20304	

———————— VARIABLES IN THE EQUATION ————————

VARIABLE	B	BETA	STD ERROR B	F
SEPR	-0.36976	-0.29931	0.13179	7.873
TRET	-5.39501	-0.14364	4.00637	1.813
(CONSTANT)	23.54746			

———————— VARIABLES NOT IN THE EQUATION ————————

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M2G1 SCG6 ST01 WM08

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
SEPR	SELF ESTEEM INVENTORY-PRETEST	0.28348	0.08036	0.08036	-0.28348	-0.36978	-0.29951
TRET	EXPERIMENTAL TREATMENT	0.31740	0.10075	0.02038	-0.11067	-5.39501	-0.14364
(CONSTANT)						23.54748	

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FILE    PLANDATA (CREATION DATE = 09/20/73)    AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE   H201        SC05        ST01        WR03

* * * * * * * * * * * * * * * * * * * * * * * *  M U L T I P L E   R E G R E S S I O N  * * * * * * * * * * * * * * * * * * * * * * * * * *

DEPENDENT VARIABLE..     SE13        GAIN-SELF ESTEEM INVENTORY

VARIABLE(S) ENTERED ON STEP NUMBER  1..    TRET        EXPERIMENTAL TREATMENT

MULTIPLE R            0.11067                    ANALYSIS OF VARIANCE     DF       SUM OF SQUARES        MEAN SQUARE            F
R SQUARE              0.01225                    REGRESSION                1.          357.60539          357.60539         1.0043
STANDARD ERROR       18.86933                    RESIDUAL                 81.        28840.17396          356.05153

---------------- VARIABLES IN THE EQUATION -----------------          ------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE              B          BETA      STD ERROR B        F           VARIABLE        BETA IN      PARTIAL   TOLERANCE         F

TRET              -4.15692    -0.11067       4.14748        1.004
(CONSTANT)        -0.61499

MAXIMUM STEP REACHED
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FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WM08

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. SEIG GAIN-SELF ESTEEM INVENTORY

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.11067	0.01225	0.01225	-0.11067	-4.15652	-0.11067
(CONSTANT)						-0.61499	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H101 SC06 ST01 WM06

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. GAPR GENERAL ANXIETY SCALE-PRETEST

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.79827	REGRESSION	1.	3783.87260	3783.87260	142.2822
R SQUARE	0.63723	RESIDUAL	61.	2154.12515	26.59414	
STANDARD ERROR	5.15695					

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
GAPR	0.95299	0.79827	0.07986	142.282
(CONSTANT)	-0.21946			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.03462	0.05770	0.99908	0.26

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
MULTIPLE R	0.79903	REGRESSION	2.	3791.06414	1895.53207	70.6321
R SQUARE	0.63844	RESIDUAL	80.	2146.93361	26.83667	
STANDARD ERROR	5.18041					

VARIABLES IN THE EQUATION

VARIABLE	B	BETA	STD ERROR B	F
GAPR	0.95126	0.79721	0.08026	140.495
TRET	0.58971	0.03482	1.13918	0.268
(CONSTANT)	-0.46572			

VARIABLES NOT IN THE EQUATION

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WM08

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
GAPR	GENERAL ANXIETY SCALE-PRETEST	0.79827	0.63723	0.63723	0.79827	0.95128	0.79721
TRET	EXPERIMENTAL TREATMENT	0.79903	0.63844	0.00121	0.05695	0.58971	0.03442
(CONSTANT)						-0.48572	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MZ01 SC06 ST01 WM06

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.05695
R SQUARE	0.00348
STANDARD ERROR	8.54715

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	20.63120	20.63520	0.282
RESIDUAL	81.	5917.35955	73.05382	

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	0.99854	0.05895	1.87866	0.283
(CONSTANT)	16.47736			

------------------ VARIABLES NOT IN THE EQUATION ------------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ01 SC06 ST01 WM08

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GAPO GENERAL ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.05895	0.00348	0.00348	0.05695	0.99654	0.05895
(CONSTANT)						16.47738	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ01 SC06 ST01 WK06

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERAL: GAIN-GASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. GAPR GENERAL ANXIETY SCALE-PRETEST

MULTIPLE R	0.09929	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.00986	REGRESSION	1.	33.22004	33.22004	0.8065
STANDARD ERROR	6.41767	RESIDUAL	81.	3336.31826	41.18911	

——— VARIABLES IN THE EQUATION ———

VARIABLE	B	BETA	STD ERROR B	F
GAPR	0.08925	0.09929	0.09938	0.807
(CONSTANT)	0.28656			

——— VARIABLES NOT IN THE EQUATION ———

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.01587	0.01595	0.99908	0.02

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.10055	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.01011	REGRESSION	2.	34.06836	17.03418	0.4085
STANDARD ERROR	6.45704	RESIDUAL	80.	3335.46994	41.69337	

——— VARIABLES IN THE EQUATION ———

VARIABLE	B	BETA	STD ERROR B	F
GAPR	0.08862	0.09681	0.10003	0.788
TRET	0.20254	0.01587	1.41991	0.020
(CONSTANT)	0.19712			

——— VARIABLES NOT IN THE EQUATION ———

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WM08

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERAL: GAIN-GASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	b	BETA
GAPR	GENERAL ANXIETY SCALE-PRETEST	0.09929	0.00986	0.00986	0.09929	0.08882	0.09688
TRET	EXPERIMENTAL TREATMENT	0.10055	0.01011	0.00025	0.01887	0.20254	0.01587
(CONSTANT)						0.19712	

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FILE    PLANDATA (CREATION DATE = 09/20/73)   AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE   MA01        SC06        ST01        WM08

* * * * * * * * * * * * * * * * * * * * * * *  M U L T I P L E   R E G R E S S I O N  * * * * * * * * * * * * * * * * * * * * * *

DEPENDENT VARIABLE..    GASG        DECREASE IN GENERAL: GAIN-GASC

VARIABLE(S) ENTERED ON STEP NUMBER  1..     TRET        EXPERIMENTAL TREATMENT

MULTIPLE R           0.01687                     ANALYSIS OF VARIANCE     DF       SUM OF SQUARES        MEAN SQUARE           F
R SQUARE             0.00028                     REGRESSION               1.            1.19930            1.19930          0.02884
STANDARD ERROR       6.44660                     RESIDUAL                61.         3368.33900           41.58443

---------------- VARIABLES IN THE EQUATION -----------------          ------------ VARIABLES NOT IN THE EQUATION -----------

VARIABLE             B          BETA       STD ERROR B       F          VARIABLE       BETA IN      PARTIAL    TOLERANCE         F

TRET              0.24071     0.01687        1.41740       0.029
(CONSTANT)        1.76095

MAXIMUM STEP REACHED
```

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE M201 SC06 ST01 WMOG

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. GASG DECREASE IN GENERAL: GAIN-GASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TREI	EXPERIMENTAL TREATMENT	0.01887	0.00036	0.00036	0.01887	0.24071	0.01887
(CONSTANT)						1.76093	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE MZ01 SC06 ST01 NA06

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TAPR TEST ANXIETY SCALE-PRETEST

MULTIPLE R	0.67102	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.45027	REGRESSION	1.	1882.65628	1882.65628	66.3447
STANDARD ERROR	5.32700	RESIDUAL	81.	2298.52707	28.37688	

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TAPR	0.72237	0.67102	0.08869	66.345
(CONSTANT)	3.59834			

------------------ VARIABLES NOT IN THE EQUATION ------------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	0.04398	0.05927	0.99837	0.2

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.67246	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.45220	REGRESSION	2.	1890.73106	945.36553	33.019
STANDARD ERROR	5.35076	RESIDUAL	80.	2290.45229	28.63065	

------------------ VARIABLES IN THE EQUATION ------------------

VARIABLE	B	BETA	STD ERROR B	F
TAPR	0.72045	0.66924	0.08915	65.302
TRET	0.62510	0.04398	1.17706	0.282
(CONSTANT)	3.31911			

------------------ VARIABLES NOT IN THE EQUATION ------------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ01 SC06 ST01 WM08

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TAPR	TEST ANXIETY SCALE-PRETEST	0.67102	0.45027	0.45027	0.67102	0.72045	0.66924
TRET	EXPERIMENTAL TREATMENT	0.67246	0.45220	0.00193	0.07102	0.62510	0.04398
(CONSTANT)						3.31911	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WM08

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPO TEST ANXIETY SCALE-POST TEST

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.07102	ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.00504	REGRESSION	1.	21.09913	21.06913	0.4106
STANDARD ERROR	7.16653	RESIDUAL	81.	4160.09422	51.35919	

---------------- VARIABLES IN THE EQUATION ----------------

VARIABLE	B	BETA	STD ERROR B	F
TRET	1.00958	0.07102	1.57520	0.411
(CONSTANT)	13.32503			

---------------- VARIABLES NOT IN THE EQUATION ----------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE HZ01 SC06 ST01 WM08

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TAPU TEST ANXIETY SCALE-POST TEST

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.07102	0.00504	0.00504	0.07102	1.00938	0.07102
(CONSTANT)						13.32563	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE NEC1 SC06 STC1 WHSE

* M U L T I P L E R E G R E S S I O N *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TAPR TEST ANXIETY SCALE-PRETEST

MULTIPLE R	0.32367
R SQUARE	0.10476
STANDARD ERROR	6.81267

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	1.	439.93286	439.93286	9.47877
RESIDUAL	81.	3759.40896	46.41240	

------------ VARIABLES IN THE EQUATION ------------

VARIABLE	B	BETA	STD ERROR B	F
TAPR	0.34919	0.32367	0.11342	9.479
(CONSTANT)	-3.98572			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F
TRET	-0.00072	-0.00076	0.99837	0.000

* *

VARIABLE(S) ENTERED ON STEP NUMBER 2.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.32367
R SQUARE	0.10476
STANDARD ERROR	6.85512

ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
REGRESSION	2.	439.93505	219.96753	4.68090
RESIDUAL	80.	3759.40677	46.99258	

------------ VARIABLES IN THE EQUATION ------------

VARIABLE	B	BETA	STD ERROR B	F
TAPR	0.34922	0.32370	0.11422	9.348
TRET	-0.01030	-0.00072	1.50798	0.000
(CONSTANT)	-3.98112			

------------ VARIABLES NOT IN THE EQUATION ------------

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE H201 SC06 ST01 WH08

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TAPR	TEST ANXIETY SCALE-PRETEST	0.32367	0.10476	0.10476	0.32367	0.34922	0.32370
TRET	EXPERIMENTAL TREATMENT	0.32367	0.10476	0.00000	0.01236	-0.01050	-0.00072
(CONSTANT)						-5.98112	

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PATT PATTERSON
SUBFILE NE01 SC06 ST01 WH03

* MULTIPLE REGRESSION *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

VARIABLE(S) ENTERED ON STEP NUMBER 1.. TRET EXPERIMENTAL TREATMENT

MULTIPLE R	0.01236		ANALYSIS OF VARIANCE	DF	SUM OF SQUARES	MEAN SQUARE	F
R SQUARE	0.00015		REGRESSION	1.	0.64102	0.64102	0.01237
STANDARD ERROR	7.19971		RESIDUAL	81.	4198.70060	51.83581	

—————— VARIABLES IN THE EQUATION ——————

VARIABLE	B	BETA	STD ERROR B	F
TRET	0.17596	0.01236	1.58250	0.012
(CONSTANT)	0.00933			

—————— VARIABLES NOT IN THE EQUATION ——————

VARIABLE	BETA IN	PARTIAL	TOLERANCE	F

MAXIMUM STEP REACHED

FILE PLANDATA (CREATION DATE = 09/20/73) AN ANALYSIS OF PROJECT PLAN IN SLPS BY PAIT PATTERSON
SUBFILE H201 SC06 ST01 WM06

* M U L T I P L E   R E G R E S S I O N *

DEPENDENT VARIABLE.. TASG DECREASE IN TEST ANXIETY: GAIN-TASC

SUMMARY TABLE

VARIABLE		MULTIPLE R	R SQUARE	RSQ CHANGE	SIMPLE R	B	BETA
TRET	EXPERIMENTAL TREATMENT	0.01236	0.00015	0.00015	0.01236	0.17598	0.01236
(CONSTANT)						0.86953	

APPENDIX F

___Teacher Date________________ _____Scullin ____Williams

_____Teacher Aide Room # ____________

TEACHER OBSERVATION FORM

CODE: I = Individual Interaction; G = Group Interaction; M = Classroom Management; O = Other

This form consists of a list of the most improtant activities which PLAN teachers engage in as they work with students. Make a mark (/) at five-minute intervals after the activity on the list below which best describes what the teacher is doing. If the teacher you observe is involved in a single activity--for example, a group discussion--during the entire time you are in the classroom, you should compare notes with someone who observed at another time to get a more representative picture of what a PLAN teacher does. On the back of this page, jot down questions and comments for discussion later.

CODE	Activities	Observation 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
I	1. Tutoring an individual																				
I	2. Counseling with a student (POS, planning skills, etc.)																				
I	3. Introducing a TLU																				
G	4. Giving a small group lesson																				
G	5. Leading or participating in a group discussion																				
I	6. Administering a test																				
M	7. Consulting the printout																				
I	8. Spot-checking student work																				
M	9. Marking computer cards																				
M	10. Scanning the room to observe students																				
M	11. Handing out teacher-monitored materials																				
O	12. Other																				

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. 1

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	138	69.00%
Group Interaction 4 & 5	21	10.50%
Classroom Management 7, 9, 10, & 11	37	18.50%
Other 12	4	2.00%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	33	18	51
2.	9	1	10
3.	3	6	9
4.	5	16	21
5.	0	0	0
6.	5	3	8
7.	5	2	7
8.	37	23	60
9.	0	0	0
10.	6	17	23
11.	3	4	7
12.	1	3	4
TOTALS	107	93	200

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. 2

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	139	66.51%
Group Interaction 4 & 5	16	7.66%
Classroom Management 7, 9, 10, & 11	34	16.27%
Other 12	20	9.57%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	26	28	54
2.	8	2	10
3.	12	0	12
4.	4	12	16
5.	0	0	0
6.	7	9	16
7.	7	0	7
8.	21	26	47
9.	4	1	5
10.	9	7	16
11.	2	4	6
12.	6	14	20
TOTALS	106	103	209

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. 3

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	148	74.75%
Group Interaction 4 & 5	3	1.52%
Classroom Management 7, 9, 10, & 11	30	15.15%
Other 12	17	8.59%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	37	38	75
2.	3	1	4
3.	0	1	1
4.	1	2	3
5.	0	0	0
6.	4	0	4
7.	3	6	9
8.	23	41	64
9.	0	0	0
10.	7	8	15
11.	3	3	6
12.	11	6	17
TOTALS	92	106	198

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. 4

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	110	54.19%
Group Interaction 4 & 5	42	20.69%
Classroom Management 7, 9, 10, & 11	24	11.82%
Other 12	27	13.30%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	17	16	33
2.	0	0	0
3.	0	1	1
4.	8	0	8
5.	21	13	34
6.	7	3	10
7.	2	2	4
8.	22	44	66
9.	0	0	0
10.	1	11	12
11.	4	4	8
12.	16	11	27
TOTALS	98	105	203

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. 5

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	116	60.42%
Group Interaction 4 & 5	15	7.81%
Classroom Management 7, 9, 10, & 11	36	18.75%
Other 12	15	7.81%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	11	19	30
2.	1	3	4
3.	3	0	3
4.	8	5	13
5.	2	0	2
6.	3	1	4
7.	3	0	3
8.	27	48	75
9.	0	2	2
10.	12	9	21
11.	6	4	10
12.	2	13	15
TOTALS	88	104	192

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. 6

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	95	53.67%
Group Interaction 4 & 5	10	5.65%
Classroom Management 7, 9, 10, & 11	29	16.38%
Other 12	43	24.29%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	16	18	34
2.	6	0	6
3.	3	0	3
4.	2	8	10
5.	0	0	0
6.	0	0	0
7.	10	0	10
8.	33	19	52
9.	1	0	1
10.	7	4	11
11.	6	1	7
12.	16	27	43
TOTALS	100	77	177

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. 7

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	100	45.05%
Group Interaction 4 & 5	34	15.32%
Classroom Management 7, 9, 10, & 11	33	14.86%
Other 12	55	24.77%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	28	0	28
2.	2	0	2
3.	1	0	1
4.	15	0	15
5.	8	11	19
6.	13	3	16
7.	8	2	10
8.	28	25	53
9.	0	0	0
10.	9	9	18
11.	1	4	5
12.	7	48	55
TOTALS	120	102	222

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. 8

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	88	49.16%
Group Interaction 4 & 5	49	27.37%
Classroom Management 7, 9, 10, & 11	24	13.41%
Other 12	18	10.06%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	23	13	36
2.	3	0	3
3.	0	1	1
4.	12	25	37
5.	4	8	12
6.	9	9	18
7.	2	0	2
8.	26	4	30
9.	0	3	3
10.	15	2	17
11.	2	0	2
12.	10	8	18
TOTALS	106	73	179

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. 9

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	100	46.95%
Group Interaction 4 & 5	17	7.98%
Classroom Management 7, 9, 10, & 11	54	25.35%
Other 12	42	19.72%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	13	6	19
2.	5	0	5
3.	4	0	4
4.	2	4	6
5.	11	0	11
6.	24	0	24
7.	4	0	4
8.	22	26	48
9.	1	1	2
10.	9	5	14
11.	3	31	34
12.	6	36	42
TOTALS	104	109	213

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. 10

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	119	63.64%
Group Interaction 4 & 5	32	17.11%
Classroom Management 7, 9, 10, & 11	31	16.58%
Other 12	5	2.67%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	21	17	38
2.	5	2	7
3.	12	0	12
4.	5	25	30
5.	2	0	2
6.	5	0	5
7.	2	1	3
8.	23	34	57
9.	3	0	3
10.	9	5	14
11.	3	8	11
12.	1	4	5
TOTALS	91	96	187

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. 11

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	135	70.68%
Group Interaction 4 & 5	2	1.05%
Classroom Management 7, 9, 10, & 11	40	20.94%
Other 12	14	7.33%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	27	3	30
2.	2	0	2
3.	1	0	1
4.	2	0	2
5.	0	0	0
6.	15	10	25
7.	3	0	3
8.	32	45	77
9.	3	0	3
10.	6	20	26
11.	3	5	8
12.	10	4	14
TOTALS	104	87	191

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. 12

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	101	60.84%
Group Interaction 4 & 5	9	5.42%
Classroom Management 7, 9, 10, & 11	49	29.52%
Other 12	7	4.22%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	10	5	15
2.	8	0	8
3.	3	0	3
4.	8	0	8
5.	1	0	1
6.	12	0	12
7.	2	0	2
8.	33	30	63
9.	5	13	18
10.	3	20	23
11.	2	4	6
12.	2	5	7
TOTALS	89	77	166

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. A

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	57	27.14%
Group Interaction 4 & 5	70	33.33%
Classroom Management 7, 9, 10, & 11	48	22.86%
Other 12	35	16.67%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	9	1	10
2.	0	0	0
3.	0	1	1
4.	10	30	40
5.	26	4	30
6.	13	0	13
7.	0	0	0
8.	20	13	33
9.	0	4	4
10.	8	9	17
11.	10	17	27
12.	9	26	35
TOTALS	105	105	210

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. B

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	123	58.57%
Group Interaction 4 & 5	28	13.33%
Classroom Management 7, 9, 10, & 11	43	20.48%
Other 12	17	8.10%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	34	16	50
2.	3	1	4
3.	4	0	4
4.	5	2	7
5.	8	13	21
6.	1	1	2
7.	1	0	1
8.	31	32	63
9.	0	0	0
10.	5	13	18
11.	7	17	24
12.	7	10	17
TOTALS	106	105	210

PLAN* CLASSROOM OBSERVATIONS RESULTS

PLAN* TEACHERS AND AIDES

Classroom No. C

ITEM CATEGORIES	TOTAL OCCURANCES	PERCENT OF TOTAL
Individual Interaction 1, 2, 3, 6, & 8	106	50.00%
Group Interaction 4 & 5	9	4.25%
Classroom Management 7, 9, 10, & 11	46	21.70%
Other 12	51	24.06%

FREQUENCY

	TEACHER	AIDE	BOTH
1.	21	12	33
2.	6	1	7
3.	0	0	0
4.	6	3	9
5.	0	0	0
6.	8	0	8
7.	1	2	3
8.	23	35	58
9.	6	2	8
10.	13	6	19
11.	10	6	16
12.	16	35	51
TOTALS	110	102	212

APPENDIX G

Project PLAN* Evaluation-Questionnaire for Students in PLAN* Classrooms

School ______________ Room No. ________ Grade 4 5 6 7 (Circle one)

Instructions: Check one answer for each question.

1. How well do you like using PLAN* to learn about things in school as compared to the way you were doing it last year?
   ___ a. Much better ___ b. Better ___ c. The same ___ d. Worse ___ e. Much worse

2. How well do you think you are learning things in school this year as compared to what you think you learned last year?
   ___ a. Much better ___ b. Better ___ c. The same ___ d. Worse ___ e. Much worse

3. How well behaved are the children in your class this school year as compared to last year?
   ___ a. Much better ___ b. Better ___ c. The same ___ d. Worse ___ e. Much worse

4. Who do you feel should see that you do your school work?
   ___ a. I should ___ b. My teacher ___ c. The teacher's aid ___ d. My parents ___ e. The principal

5. Which subject matter area do you like best?
   ___ a. Language Arts ___ b. Math ___ c. Science ___ d. Social Studies ___ e. No Difference

6. How easy is it to find and get the materials you need to work on your TLU's?
   ___ a. Very easy ___ b. Easy ___ c. Not easy or hard ___ d. Hard ___ e. Very hard

7. How well do you understand the computer printout and how to use it for knowing what to do next.
   ___ a. Very well ___ b. Fairly well ___ c. Not well or poor ___ d. Fairly poor ___ e. Very poor

8. How well do you like taking school work home this school year as compared to last year?
   ___ a. Much better ___ b. Better ___ c. The same ___ d. Worse ___ e. Much worse

9. How much do you use the library and other materials outside the classroom as compared to last year?
   ___ a. Much more ___ b. More ___ c. The same ___ d. Less ___ e. Much less

10. How well do you feel your Program of Studies (POS) met your needs in school this year?
    ___ a. Very well ___ b. Fairly well ___ c. Not well or poor ___ d. Fairly poor ___ e. Very poor

11. How would you feel about having PLAN* again next year?
    ___ a. Very happy ___ b. Happy ___ c. Don't care ___ d. Unhappy ___ e. Very unhappy

12. How well do the TLU's provided in PLAN* meet your needs?
    ___ a. Very well ___ b. Fairly well ___ c. Not well or poor ___ d. Fairly poor ___ e. Very poor

Project PLAN* Evaluation-Questionnaire for Students in PLAN* Classrooms

School ____________ Room No. ________ Grade 1 2 3 (Circle one)

Instructions: Circle one answer for each question.

1. Do you like PLAN*? YES NO
2. Are you learning many new things? YES NO
3. Does your class behave as it should? YES NO
4. Who should see that you do your work? ME TEACHER TEACHER'S AID MY PARENTS PRINCIPAL
5. Which do you like best? LANGUAGE ARTS MATH SCIENCE SOCIAL STUDIES DON'T CARE
6. Can you find what you need in your classroom? YES NO
7. Do you use the printout? YES NO
8. Do you take school work home? YES NO
9. Do you use the library? YES NO
10. Do you enjoy your school work? YES NO
11. Would you like having PLAN* again next year? YES NO
12. Do you like working with your TLU's? YES NO

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Project PLAN* Evaluation-Questionnaire for Project PLAN* Administrative Assistants

School ________________

Instructions: Check one answer for each question.

1. How would you rate the overall quality of PLAN* as an instructional system?
   __ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

2. How would you rate the overall quality of TLU's?
   __ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

3. How would you rate the computer support system in PLAN*?
   __ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

4. How would you rate the instructional materials supplied by Westinghouse Learning Corporation for the administrative and teacher training on PLAN*?
   __ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

5. How would you rate the interest and enthusiasm of the PLAN* terminal operators for the project?
   __ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

6. How would you rate the interest and enthusiasm of the PLAN* teachers for the project?
   __ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

7. How would you rate the interest and enthusiasm of the PLAN* teacher aides for the project?
   __ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

8. How would you rate the overall interest and enthusiasm of the PLAN* students for the project?
   __ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

9. How would you rate the overall quantity of materials and equipment supplied to meet the requirement for this individualized instruction system?
   __ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

10. How would you rate the appropriateness of your work assignments in the project?
    __ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

11. How would you rate the fairness and appropriatenss of the project evaluation (including test instruments, evaluation model, testing requirements for teachers, feedback provided, teacher observation program etc.)?
    __ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

Project PLAN* Evaluation-Questionnaire for Project PLAN* Principals

School ________________

Instructions: Check one answer for each question.

1. How would you rate the overall quality of PLAN* as an instructional system?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

2. How would you rate the overall quality of TLU's?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

3. How would you rate the computer support system in PLAN*?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

4. How would you rate the instructional materials supplied by Westinghouse Learning Corporation for the administrative and teacher training on PLAN*?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

5. How would you rate the interest and enthusiasm of the PLAN* terminal operators for the project?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

6. How would you rate the interst and enthusiasm of the PLAN* teachers for the project?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

7. How would you rate the interest and enthusiasm of the PLAN* teacher aides for the project?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

8. How would you rate the interest and enthusiasm of the PLAN* Administrative Assistant for the project?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

9. How would you rate the interest and enthusiasm of the PLAN* students for the project?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

10. How would you rate the parents interest and enthusiasm for Project PLAN*.
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

11. How would you rate the work load required by you to provide this additional alternative for individualized instruction?
__ a. Very acceptable __ b. Acceptable __ c. No difference __ d. Unacceptable __ e. Very unacceptable

12. How would you rate the fairness and appropriateness of the project evaluation (including test instruments, evaluation model, testing requirements for teachers, feedback provided, teacher observation program, etc.)

School ______ Room No. ______ Grade Assigned 1 2 3 4 5 6 7

Excluding PLAN*, check each area of previous training or experience: __ individualized instruction, __ teaching based on behavioral objectives, __ computer managed instruction

Instructions: Check one answer for each question.

1. How well do you like working in a PLAN* classroom?
__ a. Very well __ b. Fairly well __ c. Not well or poor __ d. Fairly poor __ e. Very poor

2. How well do you feel students are achieving with PLAN*?
__ a. Very well __ b. Fairly well __ c. Not well or poor __ d. Fairly poor __ e. Very poor

3. How well behaved are the children in your class?
__ a. Very well __ b. Fairly well __ c. Not well or poor __ d. Fairly poor __ e. Very poor

4. How well are your children accepting more responsibilities for their own learning?
__ a. Very well __ b. Farily well __ c. Not well or poor __ d. Fairly poor __ e. Very poor

5. Which subject matter area do you feel students like better than others?
__ a. Language Arts __ b. Math __ c. Science __ d. Social Studies __ e. No difference

6. How well do you feel your room arrangement facilitates individualizing instruction for your students?
__ a. Very well __ b. Fairly well __ c. Not well or poor __ d. Fairly poor __ e. Very poor

7. How well does the computer support system facilitate individualizing instruction for your students?
__ a. Very well __ b. Fairly well __ c. Not well or poor __ d. Fairly poor __ e. Very poor

8. How willing are your students to complete homework assignments?
__ a. Very willing __ b. Fairly willing __ c. No difference __ d. Fairly unwilling __ e. Very unwilling

9. How much do students use the library and other outside resources?
__ a. Very much __ b. Quite a lot __ c. Average __ d. Some __ e. Very little

10. How well do you feel the Program of Studies (POS) assigned to your students meets their needs?
__ a. Very well __ b. Fairly well __ c. Not well or poor __ d. Fairly poor __ e. Very poor

11. How willing would you be to continue working in a PLAN* classroom next year?
__ a. Very willing __ b. Fairly willing __ c. Don't care __ d. Fairly unwilling __ e. Very unwilling

12. How well do the TLU's provided in PLAN* accomplish what is required for a student's individual needs?
__ a. Very well __ b. Fairly well __ c. Not well or poor __ d. Fairly poor ___ e. Very poor

Project PLAN* Evaluation - Questionnaire for Teachers in PLAN* Classrooms

School ____________ Room No. ________ Grade 1 2 3 4 5 6 7 (Circle One)

Excluding PLAN*, check each area of previous training or experience: __ individualized instruction __ teaching based on behavioral objectives __ computer managed instruction

Instructions: Check one answer for each question.

1. How well do you like teaching using PLAN* as compared to the method you used last year?
   __ a. Much better __ b. Better __ c. No difference __ d. Worse __ e. Much worse

2. How well do you feel your students are achieving with PLAN* as compared to a regular classroom last year?
   __ a. Much better __ b. Better __ c. No difference __ d. Worse __ e. Much worse

3. How well behaved are the children in your class this school year as compared to last year?
   __ a. Much better __ b. Better __ c. No difference __ d. Worse __ e. Much worse

4. How well are your children accepting more responsibility for their own learning?
   __ a. Very well __ b. Fairly well __ c. Not well or poor __ d. Fairly poor __ e. Very poor

5. Which subject matter area do you feel students like best?
   __ a. Language Arts __ b. Math __ c. Science __ d. Social Studies __ e. No difference

6. How well do you feel your room arrangement facilitates individualizing instruction for your student?
   __ a. Very well __ b. Fairly well __ c. Not well or poor __ d. Fairly poor __ e. Very poor

7. How well does the computer support system facilitate individualizing instruction for your students?
   __ a. Very well __ b. Fairly well __ c. Not well or poor __ d. Fairly poor __ e. Very poor

8. How willing are your students to complete homework assignments as compared to last year's group?
   __ a. Very willing __ b. Fairly willing __ c. No difference __ d. Fairly unwilling __ e. Very unwilling

9. How much do students use the library and other outside resources as compared to last year's group?
   __ a. Very much __ b. Quite a lot __ c. No difference __ d. Some __ e. Very little

10. How well do you feel the Program of Studies (POS) assigned to your students meets their individualized needs?
    __ a. Very well __ b. Fairly well __ c. Not well or poor __ d. Fairly poor __ e. Very well

11. How willing would you be to continue using PLAN* next year?
    __ a. Very willing __ b. Fairly willing __ c. Don't care __ d. Fairly unwilling __ e. Very unwilling

12. How well do the TLU's provided in PLAN* accomplish what is required for a student's individualized needs?

Project PLAN* Evaluation - Questionnaire for Project PLAN* Terminal Operators

School ____________________

1. How would you rate the accurateness of the cards submitted to you by teachers for processing?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

2. How would you rate the computer support system in PLAN*?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

3. How would you rate the operations manual and instructional guides provided for training as a terminal operator?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

4. How would you rate the terminal's card reader from an operational point of view?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

5. How would you rate the terminal's printer from an operational point of view?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

6. How would you rate the accurateness and reliability of the computer in Iowa City?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

7. How would you rate the cooperation and assistance of Westinghouse personnel in Iowa City when contacted by the terminal's telephone?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

8. How would you rate the overall quality of the supplies and materials (cards, paper, etc.) supplied by Westinghouse?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ f. Terrible

9. How would you rate the appropriateness of your work assignment in the project?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ f. Terrible

10. How would you rate the cooperation and assistance of the Westinghouse consultants when they visit the school?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ f. Terrible

Project PLAN* Evaluation - Questionnaire for Librarians in PLAN* Schools

1. How would you rate the circulation volume of instructional materials in the library this year as compared to last year?
__ a. Much greater __ b. More __ c. The same __ d. Less __ e. Much Less

2. To what extent have special arrangements been made for PLAN* classrooms?
__ a. Extensive __ b. Quite a lot __ c. Some __ d. Very little __ e. None

3. How frequently do PLAN* students use the library as compared to other students?
__ a. Very often __ b. Often __ c. No difference __ d. Seldom __ e. Very seldom

4. Are PLAN* students any more reliable and independent than other students while using the library?
__ a. Very often __ b. Often __ c. No difference __ d. Seldom __ e. Very seldom

5. How would you rate the interest and enthusiasm of the PLAN* students?
__ a. Excellent __ b. Superior __ c. Average __ d. Poor __ e. Terrible

6. How much extra work is required to help the PLAN* students?
__ a. Extensive __ b. Quite a bit __ c. Some __ d. Very little __ e. None

7. Which category best describes the use of the library by PLAN* students on a day-to-day basis?
__ a. Class visitation __ b. Large group study (6-10) __ c. Small group study __ d. Individual study
__ e. I don't know

8. How much time do you spend doing instruction for PLAN* students when in the library?
__ a. Extensive __ b. Quite a bit __ c. Some __ d. Very little __ e. None

School ______________ Room No. ________ Grade Assigned 1 2 3 4 5 6 7

Check each area of previous training or experience: __ individualized instruction, __ teaching based on behavioral objectives, __ computer managed instruction

Instructions: Check one answer for each question:

1. Have you initiated any different teaching techniques this year that you were not using last year?
   ___ Yes ___ No

2. Do you feel that this year's group of students achieved better than last year's group?
   ___ Yes ___ No

3. How well behaved are the students in your class as compared to last year's students?
   ___ a. Much better ___ b. Better ___ c. No difference ___ d. Worse ___ e. Much worse

4. Do students ever work on individual or group projects?
   ___ a. Very frequently ___ b. Frequently ___ c. Sometimes ___ d. Seldom ___ e. Never

5. Which subject matter area do you feel students like better than others?
   ___ a. Language Arts ___ b. Math ___ c. Science ___ d. Social Studies ___ e. No difference

6. Do students move from their regular seating assignment for certain academic instruction?
   ___ a. Departmentalized instruction ___ b. Reading groups only ___ c. Often ___ d. Seldom
   ___ e. Never

7. Would you attribute any outside projects such as the Radio Vocabulary Program, Project EFFECT, Reading Improvement Teams (RIT), Right-to-Read (R2R) etc., with making an unusual positive effect on student achievement or attitude?
   ___ a. Very probable ___ b. Probably ___ c. Not sure ___ d. Doubtful ___ e. Very doubtful

8. How willing are your students to complete homework assignments as compared to last year's group?
   ___ a. Very willing ___ b. Fairly willing ___ c. No difference ___ d. Some ___ e. Very little

9. How much do students use the library and other outsdie resources as compared to last year's group?
   ___ a. Very much ___ b. Quite a lot ___ c. No difference ___ d. Some ___ e. Very little

10. How well do you feel the materials presented to your students this year meets their individual needs?
   ___ a. Very well ___ b. Fairly well ___ c. Not well or poor ___ d. Fairly poor ___ e. Very poor

11. Do you feel the information provided to you from the tests administered for this evaluation to be:
   ___ a. Very helpful ___ b. Useful ___ c. Makes no difference ___ d. Not useful
   ___ e. Complete waste of time

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Project PLAN* Evaluation - Questionnaire for Parents of Students in PLAN* Classrooms

School ________________ Student's Room No. ______ Grade Assigned 1 2 3 4 5 6 7

Instructions: Check one answer for each question. Have you visited a PLAN* classroom? ___ Yes ___ No

1. How well do you like your child being in a PLAN* classroom as compared to the method used last year?
__ a. Very satisfied __ b. Fairly satisfied __ c. No difference __ d. Fairly dissatisfied
__ e. Very dissatisfied

2. How well do you feel your child is achieving with PLAN* as compared to the method used last year?
__ a. Very well __ b. Fairly well __ c. No difference. __ d. Fairly poor __ e. Very poor

3. How well do you feel children behave in your child's PLAN* classroom as compared to last year?
__ a. Very well __ b. Fairly well __ c. No difference __ d. Fairly poor __ e. Very poor

4. How well do you feel your child accepts more responsibility for their own learning as compared to last year?
__ a. Very well __ b. Fairly well __ c. No difference __ d. Fairly poor __ e. Very poor

5. Which subject matter area do you feel your child likes better than others?
__ a. Language Arts __ b. Math __ c. Science __ d. Social Studies __ e. No difference

6. In your opinion, how well do you feel the room arrangement for PLAN* helps meet your child's individual needs as compared to last year?
__ a. Very well __ b. Fairly well __ c. No difference __ d. Fairly poor __ e. Very poor

7. In your opinion, how well does the computer support system help meet your child's individual needs as compared to last year?
__ a. Very well __ b. Fairly well __ c. No difference __ d. Fairly poor __ e. Very poor

8. How willing is your child to complete homework assignments as compared to last year?
__ a. Very willing __ b. Fairly willing __ c. No difference __ d. Fairly unwilling
__ e. Very unwilling

9. How much does your child use the school library, public library etc., as compared to last year?
__ a. Very much __ b. Quite a lot __ c. No difference __ d. Some __ e. Very little

10. How well do you feel the Program of Studies (POS) assigned to your child meets their individual needs as compared to last year?
__ a. Very well __ b. Fairly well __ c. No difference __ d. Fairly poor __ e. Very poor

11. How willing are you to have your child continue in PLAN* next year?
__ a. Very willing __ b. Fairly willing __ c. Don't care __ d. Fairly unwilling

Questionnaire Results--Project PLAN* (con't.)

Totals

34 PLAN* Students SC02

Responses

	YES		NO			NO RESPONSE
1.	24		10			
2.	27		6			1
3.	10		22			2
	A	B	C	D	E	
* 4.	18	15	1			
* 5.	5	12	2	1	12	2
6.	27		7			
7.	23		11			
8.	22		11			1
9.	25		9			
10.	22		12			
11.	24		10			
12.	25		8			1
Total	229		106			5
Percent	67.4%		31.2%			1.5%

$\bar{x}$ Response = 1.68

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals		Responses					
		YES		NO			NO RESPONSE
32 PLAN* Students SC01	1.	28		1			3
	2.	29		3			
	3.	10		22			
		A	B	C	D	E	
	* 4.	9	16	4		1	2
	* 5.	12	8	6	3	1	2
	6.	29		3			
	7.	15		16			1
	8.	26		6			
	9.	26		5			1
	10.	25		6			1
	11.	26		6			
	12.	28		3			1
	Total	242		71			7
	Percent	75.6%		22.2%			2.2%

$\bar{x}$ Response = 1.77

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

Responses

PLAN* Students SC07

	A	B	C	D	E	No Response
1.	24	4	3	1	1	
2.	16	8	3	3	1	2
3.	8	6	10	5	3	1
* 4.	11	11	4	6		1
* 5.	5	12	8		6	1
6.	12	6	8	5	1	1
7.	20	7	4	1		1
8.	14	9	4	3	1	2
9.	7	10	10	2		4
10.	17	7	5		1	3
11.	21	8		3		1
12.	20	9	2			2
Total	159	74	49	23	8	17
Percent	48.2%	22.4%	14.9%	7.0%	2.4%	5.2%

$\bar{x}$ Response = 4/18

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

32 PLAN* Students SC03

	Responses					
	YES		NO			NO RESPONSE
1.	29		3			
2.	28		4			
3.	6		25			1
	A	B	C	D	E	
* 4.	11	15		4		2
* 5.	5	15	1	3	5	3
6.	27		4			1
7.	31		1			
8.	29		1			2
9.	25		5			2
10.	29		3			
11.	23		9			
12.	30		2			
Total	257		57			6
Percent	80.3%		17.8%			1.9%

$\bar{x}$ Response = 1.82

* Not Counted

Totals

Responses

32 PLAN* Students SC05

	A	B	C	D	E	No Response
1.	22	7	2	1		
2.	11	17	4			
3.	6	10	5	6	5	
* 4.	21	7	4			
* 5.	4	16	8	1	3	
6.	12	6	12		2	
7.	12	15	3	1		1
8.	15	7	6	3		1
9.	16	10	5	1		
10.	17	10	5			
11.	19	3	6	2	1	1
12.	15	14	3			
Total	145	99	51	14	8	3
Percent	45.3%	30.9%	15.9%	4.4%	2.5%	0.9%

$\bar{x}$ Response = 4.13

* Not Counted

Totals	Responses					
24 PLAN* Students WM04	A	B	C	D	E	No Response
1.	13	8	1		2	
2.	9	6	7		2	
3.	2	7	10	2	3	
* 4.	7	3	6	7	1	
* 5.	3	3	9	2	5	2
6.	10	4	9		1	
7.	11	12	1			
8.	9	7	4	2	2	
9.	7	9	4	1	2	
10.	10	10	3	1		1
11.	14	3	3	3	1	
12.	13	7	3	1		
Total	98	73	45	10	13	1
Percent	40.3%	30.4%	18.8%	4.2%	5.4%	0.4%

$\bar{x}$ Response = 3.98

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals | **Responses**

28 PLAN* Students WM02

	A	B	C	D	E	No Response
1.	10	10	8			
2.	15	7	5			1
3.	4	8	6	4	4	2
* 4.	20	5	2	1		
* 5.	3	15	3		6	1
6.	12	9	3	2	1	1
7.	11	10	5	1	1	
8.	8	6	10	1		3
9.	25	3				
10.	8	14	5	1		
11.	7	11	8	2		
12.	23	4	1			
Total	123	82	51	11	6	7
Percent	43.9%	29.3%	18.2%	3.9%	2.1%	2.5%

$\bar{x}$ Response = 4.12

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

29 PLAN* Students WM01

Responses

	A	B	C	D	E	No Response
1.	16	10	1	2		
2.	12	13	3	1		
3.	4	11	9	5		
* 4.	13	8	4	3	1	
* 5.		13	10	3	3	
6.	9	11	7	1	1	
7.	16	6	6			1
8.	9	5	8	5	1	1
9.	11	10	5	2		1
10.	16	9	4			
11.	6	8	13	1	1	
12.	16	8	4		1	
Total	115	91	60	17	4	3
Percent	39.7%	31.4%	20.7%	5.9%	1.4%	1.0%

$\bar{x}$ Response = 4.03

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

37 PLAN* Students SC04

Responses

	A	B	C	D	E	No Response
1.	10	17	8	1		1
2.	10	19	5	2		1
3.		3	23	10		1
* 4.	34	2				1
* 5.	11	15	4	3	4	
6.	10	15	12			
7.	27	10				
8.	30	6	1			
9.	2	13	17	2	2	1
10.	14	20	2			1
11.	5	9	18	3	1	1
12.	18	14	3			2
Total	126	126	89	18	3	8
Percent	34.1%	34/1%	24.1%	4.8%	0.8%	2.2%

$\bar{x}$ Response = 3.98

* Not Counted

Totals

24 PLAN* Students W:03

Responses

	A	B	C	D	E	No Response
1.	20	1		3		
2.	12	8	3	1		
3.		4	13	6	1	
* 4.	13	5	1	4	1	
* 5.	2	16	5		1	
6.	12	7	4		1	
7.	15	9				
8.	10	4	9			1
9.	11	8	3	1		1
10.	3	16	4		1	
11.	12	7	3	1	1	
12.	14	7	3			
Total	109	71	42	12	4	2
Percent	45.4%	29.6%	17.5%	5.0%	1.7%	0.8%

$\bar{x}$ Response = 4.13

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

Responses

32 PLAN* Students WM06

	A	B	C	D	E	No Response
1.	15	9	4	2	2	
2.	7	15	6	4		
3.	7	9	4	6	6	
*4.	29	3				
*5.	9	7	4	4	9	
6.	5	5	17	5		
7.	9	16	7			
8.	8	15	7	2		
9.	17	14	1			
10.	16	9	6	1		
11.	9	6	11	5	1	
12.	16	10	4	1	1	
Total	109	108	67	26	10	
Percent	34/;%	33.8%	20.9%	8.1%	3.1%	

$\bar{x}$ Response = 3.88

* Not Counted

Totals

27 PLAN* Students WM05

Responses

	A	B	C	D	E	No Response
1.	8	15	3	1		
2.	6	9	11	1		
3.	2	4	10	10	1	
*4.	18	2	1	5	1	
*5.	5	10	5	3	3	
6.	5	8	12	2		
7.	12	9	4	1		
8.	4	9	10	4		
9.	9	10	4	1	3	
10.	11	12	3	1		
11.	4	6	9	5	3	
12.	13	12	2			
Total	74	94	68	26	8	
Percent	27.4%	34.8%	25.2%	9.6%	3.0%	

$\bar{x}$ Response = 3.74

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

PLAN* Students SC06

Responses

	A	B	C	D	E	No Response
1.	12	9	9	4	1	
2.	11	9	8	7		
3.	2	2	9	16	6	
*4.	27	6		2		
*5.	9	17	1	2	6	
6.	6	7	19	2	1	
7.	13	19	3			
8.	16	6	6	6	1	
9.	8	11	9	6	1	
10.	13	12	10			
11.	10	5	9	7	4	
12.	16	11	8			
Total	107	91	90	48	14	
Percent	30.6%	26.0%	25.7%	13.7%	4.0%	

$\bar{x}$ Response = 3.65

* Not Counted

Totals		Responses A	B	C	D	E	No Response
21 PLAN* Students WMD7	1.	5	10	6			
	2.	6	5	5	4		1
	3.	6	5	3	5	2	
	*4.	14	6			1	
	*5.	8	4	4	2	3	
	6.	2	5	12	2		
	7.	13	7	1			
	8.	2	11	6	2		
	9.	11	7	2	1		
	10.	7	10	4			
	11.	7	4	8	1	1	
	12.	8	8	4			1
	Total	67	72	51	51	3	2
	Percent	31.9%	34.3%	24.3%	7.1%	1.4%	1.0%

$\bar{x}$ Response = 3.89

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

30 Control Students WPO1

Responses

	YES		NO			NO RESPONSE
1.	28		1			1
2.	28		1			1
3.	22		7			1
	A	B	C	D	E	
*4.	16	5	5	3		1
*5.	14	4	5	2	5	
6.	27		2			1
7.	30					
8.	25		5			
9.	27		3			
10.	29		1			
11.	9		21			
12.						
Total	225		41			4
Percent	83.3%		15.2%			1.5%

$\bar{x}$ Response = 1.85

* Not Counted

Totals

Responses

25 PLAN* Students WM08

	A	B	C	D	E	No Response
1.	12	8	3	1	1	
2.	8	13	2	1	1	
3.	4	8	10	1	2	
*4.	15	6	1	2	1	
*5.	3	9	5	3	4	
6.	11	4	9	1		
7.	12	10	2	1		
8.	6	6	11		1	1
9.	11	6	5	1	2	
10.	9	15	1			
11.	15	4	5	1		
12.	8	12	4			1
Total	96	86	52	7	7	2
Percent	38.4%	34.4%	20.8%	2.8%	2.8%	0.8%

$\bar{x}$ Response = 4.04

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

Responses

34 Control Students HZ02

	A	B	C	D	E	No Response
1.	27	2	2	3		
2.	18	8	4		3	1
3.	14	2	2	4	11	1
4.	2	3	12	11	6	
* 5.	8	11	5	4	6	
* 6.		3	4	11	16	
7.	3	2	2	2	25	
8.	19	1	2	2	10	
9.	1	9	13	8	3	
10.	9	12	9	2	2	
11.	7	2	10	6	9	
12.						
Total	100	41	56	38	69	2
Percent	32.6%	13.4%	18.3%	12.4%	22.6%	0.7%

$\bar{x}$ Response =

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals | **Responses**

35 Control Students WP03

	YES		NO			NO RESPONSE
1.	26		9			
2.	33		2			
3.	3		32			
	A	B	C	D	E	
* 4.	6	19	8	1		
* 5.	10	12	5	4	3	
6.	23		12			
7.	30		4			1
8.	33		2			
9.	27		8			
10.	21		14			
11.	17		17			1
12.						
Total	213		100			2
Percent	67.6%		31.8%			0.6%

$\bar{x}$ Response = 1.68

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

Responses

20 Control Students STO3

	A	B	C	D	E	No Response
1.	12	5	3			
2.	11	7	1	1		
3.	7	3	7	2	1	
4.	2	1	9	6	2	
* 5.	9	4	7			
* 6.		6	6	3	5	
7.	11	5	2	3		
8.	5	6	5	4		
9.		8	5	4	2	
10.	9	5	4	2		
11.	5	11	3		1	
Total	71	61	52	25	6	
Percent	32.27%	27.73%	23.64%	11.36%	5.00%	

$\bar{x}$ Response = 3.71

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

12 Control Students ST04

Responses

	A	B	C	D	E	No Response
1.	5	3	3			
2.	4	2	5	1		
3.	1	3	3	4	1	
4.	2	2	2	4	2	
*5.	5	5	1		1	
*6.	1	1	2	6	2	
7.	6	4	1	1		
8.	3	2	3	2	2	
9.		2	5	1	4	
10.	4	1	5	2		
11.	3	1	3	3	2	
12.						
Total	28	20	31	18	11	
Percent	25.9%	18.5%	28.7%	16.7%	10.2%	

$\bar{x}$ Response = 3.33

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

Responses

23 Control Students C304

	A	B	C	D	E	No Response
1.	19	2	1	1		3
2.	14	6	2		1	
3.	4	10	4	4		1
4.	6	2	13	2		
*5.	5	14	1	3		
*6.	2	7	8	4	2	
7.	15	4	1	1	1	1
8.	15	4	1	1	1	1
9.	15	1	3	3		1
10.	8	9	5	1		
11.	9	5	6	2	1	
12.						
Total	91	48	38	19	4	7
Percent	43.9%	23.2%	18.4%	9.2%	1.9%	3.4%

$\bar{x}$ Response = 4.02

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals — **Responses**

24 Control Students CB03

	A	B	C	D	E	No Response
1.	18	5	1			
2.	10	8	4	2		
3.		7	5	8	4	
4.	6	4	9	5		
*5.	5	10	5	2	2	
*6.	3	5	9	4	3	
7.	10	7	4	2	1	
8.	7	8	4	5		
9.		10	8	5	1	
10.	7	10	5	2		
11.	6	6	8	3	1	
Total	64	65	48	32	7	
Percent	29.6%	30.1%	22.2%	14.8%	3.2%	

$\bar{x}$ Response = 3.68

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

22 Control Students CB01

Responses

	A	B	C	D	E	No Response
1.	10	6	4	1	1	
2.	5	4	7	2	1	3
3.	3	5	5	2	7	
4.	1	7	10	4		
*5.	6	10	1	3	2	
*6.	2	4	5	7	4	
7.	7	6	4	3	2	
8.	4	3	10		4	1
9.		7	8	4	3	
10.	4	9	5	2		2
11.	4	6	5	4	3	
12.						
Total	38	53	58	22	21	6
Percent	19.2%	26.8%	29.3%	11.1%	10.6%	3.0%

$\bar{x}$ Response = 3.34

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

29 Control Students EM01

Responses

	A	B	C	D	E	No Response
1.	6	11	8	3	1	
2.	8	6	11	3		
3.	1	7	7	12	2	
4.		5	14	8	3	
*5.	7	9	5	3	5	
*6.		19	3	5	2	
7.	8	11	6	2	1	1
8.	4	6	13	5	1	
9.		3	9	6	11	
10.	6	5	14	3		1
11.	5	17	4	2		1
Total	38	71	86	44	19	3
Percent	14.6%	27.2%	33.0%	16.8%	7.3%	1.2%

$\bar{x}$ Response = 3.25

* Not Counted

Totals **Responses**

20 Control Students ST02

	A	B	C	D	E	No Response
1.	12	5	3			
2.	111	7	1	1		
3.	7	3	7	2	1	
4.	2	1	9	6	2	
5.	9	4	7			
6.		6	6	3	5	
7.	11	5	2	3		
8.	5	6	5	4		
9.		8	5	4	2	
10.	9	5	4	2		
11.	5	11	3		1	
12.						
Total	62	51	39	22	6	
Percent	34.4%	28.3%	21.7%	12.2%	3.3%	

$\bar{x}$ Response = 3.78

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

Responses

29 Control Students CB02

	A	B	C	D	E	No Response
1.	18	6	4	1		
2.	9	10	7	2		1
3.	4	3	6	10	6	
4.	7	3	12	4	3	
* 5.	10	7	7	3	2	
* 6.	2	3	9	7	8	
7.	6	10	9	2	2	
8.	6	4	4	8	6	1
9.	1	9	11	5	3	
10.	12	7	6	3	1	
11.	3	13	11	1	1	
12.						
Total	66	65	70	36	22	2
Percent	25.3%	24.9%	26.8%	13.8%	8.4%	0.8%

$\bar{x}$ Response = 3.45

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

Responses

23 Control Students ST01

	A	B	C	D	E	No Response
1.	18	4	1			
2.	10	9	3	1		
3.	2	7	6	7	1	
4.	4	3	10	6		
* 5.	7	11	1	2	2	
* 6.	1	4	3	5	10	
7.	2	2	8	6	5	
8.	4	7	10	2		
9.	1	11	8	3		
10.	12	7	3		1	
11.	1	1	16	5		
12.						
Total	54	51	65	28	9	
Percent	26.1%	24.6%	31.4%	13.5%	4.3%	

$\bar{x}$ Response = 3.55

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

Responses

31 Control Students HZ01

	A	B	C	D	E	No Response
1.	1	9	7	9	5	
2.	1	8	7	10	5	
3.	1	1	3	11	15	
4.	5	2	19	5		
* 5.	3	6	2	12	8	
* 6.	25		3	2		
7.	3	5	9	8	6	
8.	4	3	15	7	2	
9.	4	3	2	11	11	
10.	4	8	10	7	2	
11.	5	8	10	6	2	
12.						
Total	28	47	82	74	48	
Percent	10.0%	16.9%	29.4%	26.5%	17.2%	

$\bar{x}$ Response = 2.76

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals		Responses						
2	PLAN* Admin. Asst.		A	B	C	D	E	No Response
		1.		1	1			
		2.		2				
		3.	1	1				
		4.		1	1			
		5.		1	1			
		6.		1	1			
		7.		1	1			
		8.		2				
		9.			2			
		10.		1	1			
		11.		1	1			
		12.						
		Total	1	12	9			
		Percent	4.6%	54.6%	40.9%			

$\bar{x}$ Response = 3.64

* Not Counted

Totals

Responses

2 PLAN* Principals

	A	B	C	D	E	No Response
1.		1	1			
2.			2			
3.		2				
4.		1	1			
5.		1	1			
6.		1	1			
7.			2			
8.		2				
9.		2				
10.			2			
11.		2				
12.		1	1			
Total	0	13	11			
Percent		54.2%	45.8%			

$\bar{x}$ Response = 3.54

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

2 PLAN* Librarians

Responses

	A	B	C	D	E	No Response
1.	1	1				
2.		1			1	
3.	1	1				
4.			2			
5.			2			
6.	1	1				
*7.		1		1		
8.	1	1				
9.						
10.						
11.						
12.						
Total	4	5	4		1	
Percent	28.6%	35.7%	28.6%		7.1%	

$\bar{x}$ Response = 3.79

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

Responses

14 PLAN* Teachers

	A	B	C	D	E	No Response
1.	5	5	2	2		
2.		9	3	2		
3.		3	6	3	2	
4.	1	8	4	1		
* 5.	3	8	2	1		
6.	5	7	2			
7.	4	8	2			
8.	2	4	6	1	1	
9.	4	7	2	1		
10.	3	9	2			
11.	6	5	2	1		
12.		13		1		
Total	30	78	31	12	3	
Percent	19.5%	50.7%	20.1%	7.8%	2.0%	

$\bar{x}$ Response = 3.78

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

PLAN* Terminal Operators

Responses

	A	B	C	D	E	No Response
1.	1			1		
2.		1		1		
3.	1			1		
4.	2					
5.	1	1				
6.	2					
7.	1	1				
8.	2					
9.	1	1				
10.		2				
11.						
12.						
Total	11	6		3		
Percent	55.0%	30.0%		15.0%		

$\bar{x}$ Response = 4.25

* Not Counted

Totals **Responses**

15 PLAN* Teacher Aides

	A	B	C	D	E	No Response
1.	10	4	1			
2.	5	8	2			
3.	4	8	2	1		
4.	5	8	1	1		
* 5.	5	4	5	1		
6.	7	5	2	1		
7.	7	7	1			
8.	4	6	2	3		
9.	4	4	6	1		
10.	7	5	2	1		
11.	11	4				
12.	8	4	3			
Total	72	63	22	8		
Percent	43.6%	38.2%	13.3%	4.9%		

$\bar{x}$ Response = 4.21

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

11 Control Teachers

Responses

	YES		NO			NO RESPONSE
*1.	9		1			1
*2.	6		4			1
	A	B	C	D	E	
3.		1	7	1	1	1
4.		4	7			
*5.	3	3	1	1	2	1
*6.	1	3	5	2		
*7.		2	2	4	3	
8.	1	1	4	4		1
9.		2	3	3	2	1
10.		8	3			
11.		5	3	2		
Total	1	21	27	10	3	4
Percent						

$\bar{x}$ Response = 3.11

* Not Counted

Questionnaire Results--Project PLAN* (con't.)

Totals

Responses

223 PLAN* Parents

	A	B	C	D	E	No Response
1.	88	49	16	10	4	56
2.	58	69	30	5	4	57
3.	35	58	41	11	4	74
4.	69	61	28	7	6	52
V *5.	30	63	23	17	26	64
6.	66	56	22	7	3	69
7.	65	46	35	6	1	70
8.	70	41	48	9	2	53
9.	15	47	49	26	31	55
10.	66	61	24	11	2	59
11.	88	44	17	13	7	54
12.						
Total	620	532	310	105	64	663
Percent	27.8%	23.9%	13.9%	4.7%	2.9%	29.7%

$\bar{x}$ Response = 3.94

* Not Counted

APPENDIX H

PROJECT PLAN* OPERATIONS COST COMPARISON BETWEEN OPERATING THROUGH IOWA CITY AND SLPS COMPUTER
FOR JANUARY - JUNE, FISCAL YEAR 1974

RUNNING OUT OF IOWA CITY, IOWA:	JAN.	FEB.	MAR.	APR.	MAY	JUNE	TOTALS
• EQUIPMENT RENTAL - To WLC for 2 IBM 3735 Terminals	$1,880	$1,880	$1,880	$1,880	$1,880	$1,880	$11,280
• SOFTWARE (Unit price $42/student per month) - To WLC for Curriculum Math, cards, paper, etc.	$4,200	$4,200	$4,200	$4,200	$4,200	$4,200	$25,680
• OPERATORS AT TERMINALS (2) - Salaries	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	$ 6,000
• COURIER SERVICE N/C	------------------ PONY EXPRESS ------------						
						GRAND TOTAL	$42,960

RUNNING ON SLPS COMPUTER:	JAN.	FEB.	MAR.	APR.	MAY	JUNE	TOTALS
• EQUIPMENT RENTAL - To IBM for Card Reader Feature #5450 to scan PLAN* cards ($7,950 purchase price prorated over 18 months plus $35/month maintenance contract)	$ 477 ($442 + $35)	$ 477	$ 477	$ 477	$ 477	$ 477	$ 2,862
• SOFTWARE (Unit price $34/student per month) - To WLC for lease of software pkg.	$6,000	-	-	-	-	-	$ 6,000
- To WLC for Curricular Materials etc. (Price drops from $42/s.m. to $34/s.m. when parallel test is successful)	$4,200	$4,200	$3,400	$3,400	$3,400	$3,400	$22,000
- Cards/Paper/Disk Rental etc.	-	$ 200	$ 200	$ 200	$ 200	$ 200	$ 1,000
• OPERATORS AT TERMINAL	$1,000	$1,000					$ 2,000
• COURIER SERVICE N/C	---------------- PONY EXPRESS ------------						
• COMPUTER PROCESSING - (10 min. for 20 days/mo. @ $66/hour)	$ 218	$ 218	$ 218	$ 218	$ 218	$ 218	$ 1,308
• PROGRAMMING EFFORT - (2 man days)	$ 176						$ 176
• OPERATIONS SUPPORT	$ 11	$ 11	$ 11	$ 11	$ 11	$ 11	$ 66
						GRAND TOTAL	$ 35,412

Difference between costs (IOWA CITY MINUS SLPS) $ 7,548